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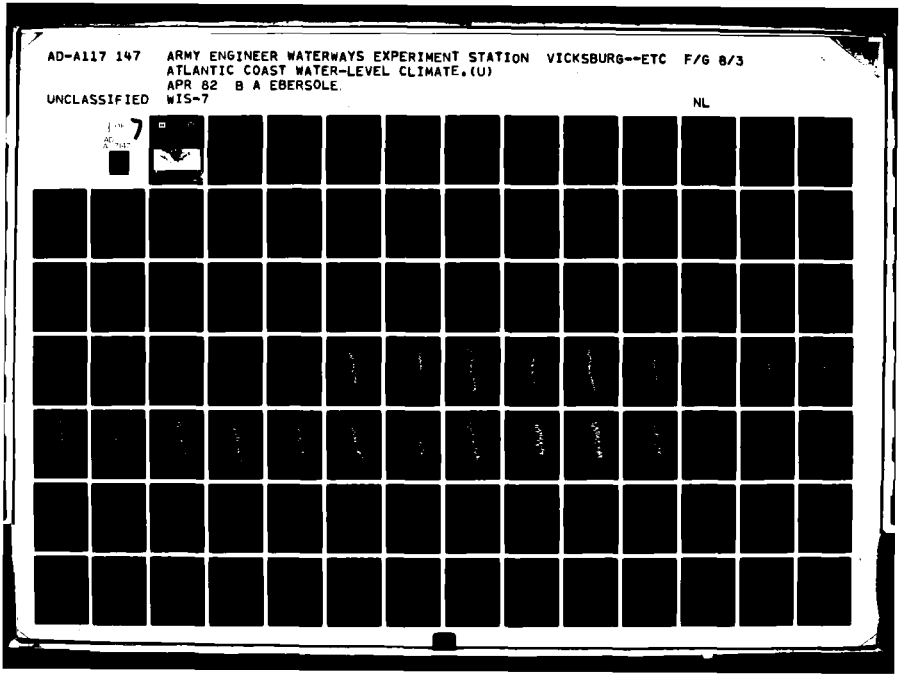

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ATLANTIC COAST WATER-LEVEL CLIMATE

by

Bruce A. Ebersole

Hydraulics Laboratory
U. S. Army Engineer Waterways Experiment Station
P. O. Box 631, Vicksburg, Miss. 39180

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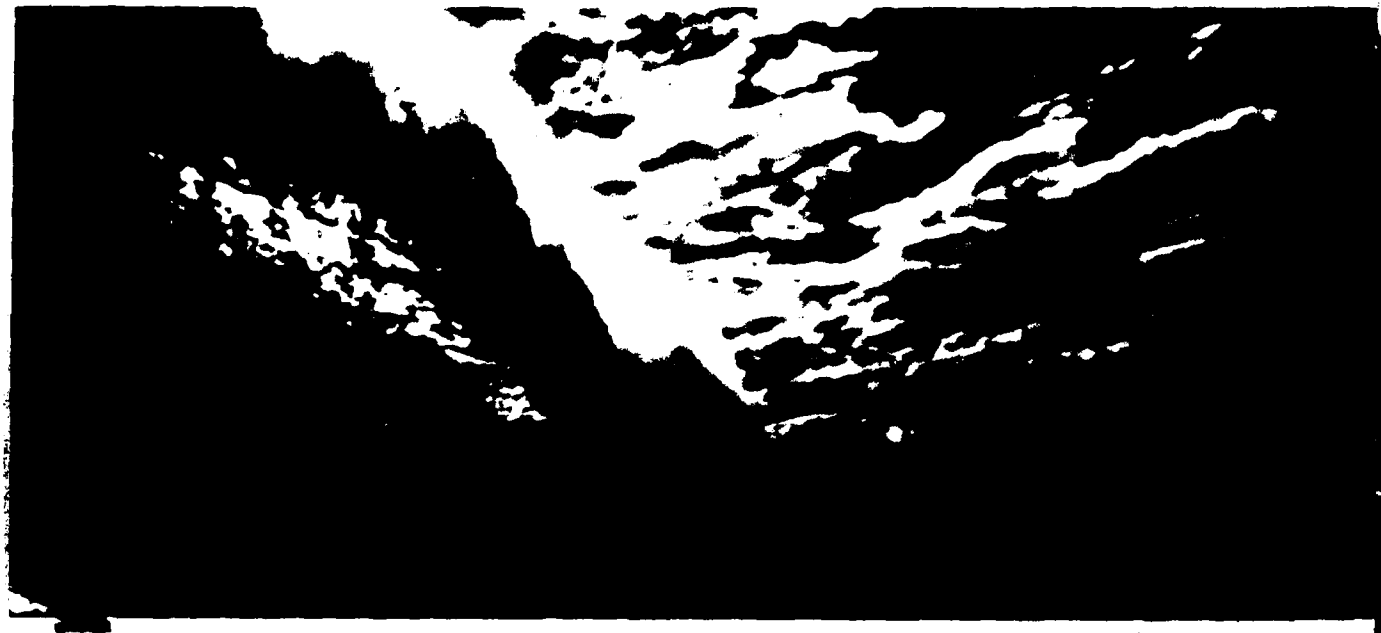

WAVE INFORMATION STUDIES OF U. S. COASTLINES

Prepared for Office, Chief of Engineers, U. S. Army
Washington, D. C. 20314

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The U. S. Atlantic coast water-level climate, developed for the Wave Information Study (WIS), is comprised of the following products at each of 20 locations along the coast.

a. Trends and variability in mean sea level.

b. Magnitudes of the expected water-level climate via estimated

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20. ABSTRACT (Continued).

b. probability density and cumulative distribution functions for astronomical tide, storm surge, and total water level.

c. Duration statistics for both storm surge and water level.

d. Extremal storm surge information as a result of extratropical storms.

The nature of the water-level data, the analysis procedures used, and the interpretation of the results are included.

Preface

In late 1976, a study to produce a wave climate for U. S. coastal waters was initiated at the U. S. Army Engineer Waterways Experiment Station (WES). This Wave Information Study (WIS) was authorized by the Office, Chief of Engineers, U. S. Army, as a part of the Field Data Collection Program which is managed by the U. S. Army Coastal Engineering Research Center. The U. S. Army Engineer Division, South Atlantic, and the U. S. Army Engineer Division, New England, also authorized funds during the initial year of this study (FY 1978) to expedite execution of the Atlantic coast portion of this program.

This report, the seventh in a series, presents the water-level climate, in a statistical sense, for the U. S. Atlantic coast and is intended for use in conjunction with the hindcast wave statistics generated for this same geographical area. The study was conducted in the Hydraulics Laboratory under the direction of Mr. H. B. Simmons, Chief of the Hydraulics Laboratory, Dr. R. W. Whalin, Chief of the Wave Dynamics Division, Mr. C. E. Chatham, Jr., Chief of the Wave Processes Branch, and Dr. D. T. Resio, Research Physical Scientist and Project Manager. This report was prepared by Mr. B. A. Ebersole.

Commanders and Directors of WES during the conduct of the study and the preparation and publication of this report were COL Nelson P. Conover, CE, and COL Tilford C. Creel, CE. Technical Director was Mr. F. R. Brown.

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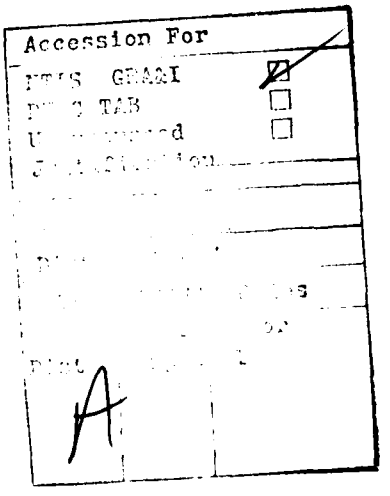

Contents

	Page
Preface	1
Introduction	3
Establishment of a Reference Datum	4
Generation of the Statistical Model Data Base	5
Statistical Analysis	12
Expected Water-Level Climate	17
Extreme Water-Level Climate	23
References	35
Tables 1-4	
Appendix A: Monthly and Yearly Mean Sea Levels	A1
Appendix B: Probability Density and Cumulative Distribution Statistics	B1
Appendix C: Duration Statistics	C1
Appendix D: Extreme Storm Surge Data	D1
Appendix E: Theoretical Gumbel Parameters Derived from the Extreme Storm Surge Data	E1

ATLANTIC COAST WATER-LEVEL CLIMATE

Introduction

1. The propagation of water waves into regions of shallow depths results in transformations and attenuations that are very much a function of water depth. During storms, the local wave growth is, of course, related to the wind field. This wind field, in turn, can cause changes in local water level that may be of great significance if the wind speed is high and the water depths are shallow. As a result of the correlations between wind and water level, there is a corresponding interdependence between wave height and water level. Consequently, at a given coastal site, the probability of any wave height must account for the probability distribution of both wave parameters and total water level.

2. The aim of this phase of the Wave Information Study (WIS) is the development of a statistical model containing probabilistic estimates of the coastal water-level climate as well as information concerning its spatial and temporal variation. At present, work is being confined to the Atlantic coast since the bulk of the wind, pressure, and wave information has been computed for this region. The following aspects of the water-level climate will be included in the formulation of the model: (a) long-term trends in the mean sea level and fluctuations about the general trends, (b) seasonal as well as yearly estimated probability density functions (PDF's), for the water level and its constituent components, which are derived from histograms of hourly values, (c) an analysis of the likelihood of occurrence of extreme water levels, and (d) a quantification of the duration of the water level above certain elevations for both expected and extreme conditions.

3. Eventually, certain aspects of the statistical model for water levels will be incorporated into the statistical model for waves to compute joint wave height-water level statistics. These statistics, as well as the water-level information as a separate entity in itself, will be an integral part of the Seastate Engineering Analysis System (SEAS)

which will make all aspects of the WIS available to Corps of Engineer District offices in an interactive way.

Establishment of a Reference Datum

4. The sea surface elevation varies in both space and time due primarily to the combined effects of the following physical processes: (a) long-term tectonic changes in the earth's crust resulting in either submergence or emergence of the land producing a relative rise or fall in the measured water level, (b) long-term changes in the volume of the earth's oceans due to polar ice melt and variations in precipitation and evaporation, (c) gravitational forces exerted by the masses of the sun and moon on the earth's water bodies, which in the course of this study will be referred to as the astronomical tide, or just tide, (d) forcing due to wind and gradients in atmospheric pressure as a result of meteorological events which will be referred to as storm surge, or surge, (e) geostrophic adjustments of water levels across currents, and (f) wind-generated ocean waves. Excluding the fluctuations due to waves, the majority of variation in the water surface is due to effects (c), (d), and (e), which are the primary components of the water level treated in this study.

5. Vertical variations in water level are usually measured relative to some arbitrary datum. In this study that reference point is chosen to be yearly mean sea level, a tidal datum. Yearly mean sea level is the computed average, over a period of 1 year, of all the fluctuations in water level relative to some zero point on a measurement device. This zero point is then referenced to other inland benchmarks creating a "fixed" system from which changes in the sea surface can be confidently measured. Yearly mean sea level, despite the fact that it does change due to effects (a) and (b) above, seems to be the best choice of a base datum, since relative to the time scales associated with the primary variations in water level it is essentially constant. Figures in Appendix A, pages A1-A20, illustrate, for selected east coast tide stations along the entire Atlantic Coast, the trends in yearly mean sea level as well as the

fluctuations of the monthly mean sea level about the general trends.

6. Notice that for the northernmost stations the magnitude of the monthly variability is fairly small compared with that for locations in the central and southern portions. This is due to the fact that the meteorologic effects of the extratropical, or "winter," storms are less in this region than in the middle latitudes and the effect of the tropical storms is nearly nonexistent. Along the central U. S. coast, where the effects of the extratropical storms predominate and the influence of tropical storms increases, the magnitude of the variability about yearly mean sea level also increases.

7. The large variability of the monthly means about the yearly mean is another reason why the more predictable yearly mean sea level is chosen as the reference datum. If the monthly mean is used, the variability of a substantial meteorologically induced storm surge about the datum is lessened, masking the true magnitude of that particular surge event when comparing events separated by time spans on the order of months and years.

8. A good description and documentation of the characteristics of mean sea level along the entire United States coastline can be found in Hicks and Crosby (1974) and Hicks (1978). Figure 1 is taken from the latter publication and shows the computed trend in yearly mean sea level and the variability about the trends for selected National Ocean Survey (NOS) tidal recording stations. Notice in both the plots and the table that the entire east coast, in the last 60 years, has undergone and is continuing to experience a relative rise in sea level. This kind of information, although not dealt with in much detail here, may be important in determining design criteria for long-life coastal structures as well as in explaining and predicting long-term coastal morphological changes such as barrier island migration.

Generation of the Statistical Model Data Base

9. As stated earlier, the principal causes of water-level variation about the yearly mean sea level datum are the astronomical tide and

TABLE 1. Trends and Variability of Yearly Mean Sea Level Through 1975 (in ordinary linear measure)

Location	Date series began	Dates of missing data	Entire Series			1940-1975		
			Trend[a]	Standard error of trend[b]	Variability[c]	Trend	Standard error of trend	Variability
			mm yr^{-1}	± mm yr^{-1}	± mm	mm yr^{-1}	± mm yr^{-1}	± mm
*Northern East Coast to Cape Hatteras								
Eastport, ME	1930	1957,58	3.3	.3	24.6	3.5	.4	26.6
*Portland, ME	1912		2.2	.2	29.1	2.0	.5	29.9
*Seavey I., ME (Portsmouth, NH)[d]	1927	1935-39	2.4	.2	21.4	1.8	.3	20.4
*Boston, MA	1922		2.8	.2	25.1	1.5	.4	27.4
Woods Hole, MA	1933	1965,67-69	3.3	.3	21.0	2.9	.3	20.4
Buzzards Bay, MA	1956	1959	1.0	.9	23.3			
*Newport, RI	1931		3.0	.2	21.2	2.5	.3	20.8
Providence, RI	1939	1947-56,67	2.4	.4	23.0	2.4	.4	23.5
Montauk, NY	1948	1959,72	2.6	.6	24.3			
*New London, CT	1939		2.6	.3	21.0	2.6	.3	21.2
Port Jefferson, NY	1958		3.9	1.3	27.0			
New Rochelle, NY	1958		3.5	1.5	32.0			
*Willets Pt., NY	1932		3.2	.3	26.2	2.9	.4	26.9
*New York, NY[e]	1893		2.9	.1	27.0	3.1	.3	21.4
Sandy Hook, NJ	1933		4.9	.3	23.7	5.0	.4	24.3
Atlantic City, NJ	1912	1921,22,70,71	4.1	.2	28.3	3.9	.5	28.4
Lewes, DE	1921	1923-36, 40-47 50-52	3.7	.4	32.6	3.6	1.0	35.3
Philadelphia, PA	1901	1921,22,59,60	2.8	.2	38.9	2.9	.7	40.5
*Baltimore, MD	1903		3.4	.1	25.7	3.1	.4	25.1
Annapolis, MD	1929	1969	4.2	.3	23.9	3.6	.4	23.0
*Washington, DC	1932		3.4	.4	32.9	3.5	.5	33.9
Solomons, MD	1938	1970	4.0	.4	24.3	4.0	.4	25.0
*Hampton Rds. (Norfolk), VA	1928		4.7	.3	29.6	4.1	.5	29.3
*Portsmouth, VA	1936		4.0	.4	26.1	4.2	.4	27.0
*Southern East Coast								
*Charleston, SC	1922		3.8	.5	34.9	2.9	.6	37.1
*Ft. Pulaski (Savannah), GA	1936		3.1	.5	33.6	2.9	.6	34.6
*Fernandina, FL	1939		2.4	.5	34.5	2.2	.6	34.7
*Mayport, FL	1929		2.9	.3	32.5	2.3	.5	33.4
*Miami Beach, FL	1932		2.6	.3	22.7	2.3	.4	23.4
*Gulf Coast								
*Key West, FL	1913		2.3	.2	26.4	1.7	.5	28.4
*Cedar Key, FL	1915	1926-38	2.2	.2	29.6	1.6	.5	31.8
*Pensacola, FL	1924		2.7	.3	37.7	1.8	.6	38.9
Galveston (Pier 21), TX	1909		6.3	.3	49.6	6.3	8	50.6
*Southern West Coast to Pt. Arena								
*San Diego, CA	1906		1.9	.2	25.7	1.2	.5	28.3
La Jolla, CA	1925	1954,55	1.7	.3	27.5	1.4	.5	30.1
*Los Angeles (Berth 60), CA	1924		0.5	.2	27.0	-0.5	.4	25.9
*Alameda, CA	1940		0.2	.6	35.3	0.2	.6	35.3
*San Francisco, CA[f]	1860		1.3	.1	39.3	1.5	.5	33.7
*Northern West Coast								
*Crescent City, CA	1933		-0.7	.4	30.2	-1.5	.5	29.1
*Astoria, OR	1925		-0.1	.4	40.7	-0.7	.6	39.2
*Seattle, WA	1899		1.9	.2	30.3	2.3	.5	28.5
Neah Bay, WA	1935	1959	-1.2	.4	30.7	-1.7	.5	30.6
*Friday Harbor, WA	1934		1.0	.4	29.8	0.6	.5	30.3
Alaska, Hawaii, and Canal Zone								
Ketchikan, AK	1919		-0.2	.3	35.7	-0.5	.6	40.3
Sitka, AK	1938		-2.5	.4	29.1	-2.5	.5	29.9
Juneau, AK	1936		-13.4	.5	35.5	-13.4	.6	37.2
Yakutat, AK	1940		-5.3	.6	33.6	-5.3	.6	33.6
Honolulu, HI	1905		1.6	.2	35.8	0.3	.5	30.8
Cristobal, CZ	1909	1975	1.3	.2	23.7	1.1	.4	23.7

* Areas and stations used in the averaging computations (see text).

[a] Slope of a least-squares line of regression:

$$b = \frac{\Sigma xy - \frac{(\Sigma x)(\Sigma y)}{n}}{\Sigma x^2 - \frac{(\Sigma x)^2}{n}}$$

Where x = da.e.,
y = height of yearly mean sea level, and
n = number of yearly mean sea-level values.

[b] Standard Error of Slope:

$$s_b = \frac{s_{y.x}}{\sqrt{\Sigma x^2 - \frac{(\Sigma x)^2}{n}}}$$

Where $s_{y.x}$ = Standard Error of Estimate.

[c] Standard Error of Estimate (standard deviation from line of regression).

$$s_{y.x} = \sqrt{\frac{\Sigma y^2 - \frac{(\Sigma y)^2}{n} - b\left(\Sigma xy - \frac{(\Sigma x)(\Sigma y)}{n}\right)}{n-2}}$$

[d] 1927-1968, Portsmouth Navy Yard, NH;
1969-1972, Back Channel, ME;
1973-1975, Seavey I. (Berth 2), ME

[e] 1893-1920, Ft. Hamilton;
1921-1975, The Battery.

[f] 1860-1877, Fort Pt.;
1877-1897, Sausalito (two locations);
1897-1975, The Presidio (two locations).

Figure 1. Trends and variability of yearly mean sea level along the U. S. coast (Hicks 1978)

the storm surge. It is assumed in this study that these two components are physically independent. This assumption is valid in regions of the open coast where the water depths increase fairly rapidly offshore and provided the coastline does not form semienclosed embayments. In locations where these conditions are not met, interactions between the two components become increasingly significant and the assumption becomes less valid. Unfortunately, most of the tide recording stations are located in sheltered, shallow areas to protect them from the open-coast environment. However, in the course of performing the data analysis, unless the meteorologically induced surge was of a large magnitude and of a relatively short duration or if the tide range at a particular station was large, the results seem to indicate that the expression below is acceptable

$$WL = SS + T \tag{1}$$

where

WL = total water level

SS = storm surge

T = astronomical tide

In the first of the above exceptions, the effect of a large, "fast" surge such as a hurricane is to alter the propagation speed of the tide causing a phase lag between any predicted tide and the true water level. The second exception, which is similar to the first but with a different cause, also arises from the method used to extract the storm surge by subtracting the predicted tide from the measured water level. If the tide range is large, any phase error whatsoever between the predicted tide and the measured water level results in a surge component that oscillates with the frequency of the predicted tide. If the amplitude of the oscillation is small, this effect can be neglected; but if the amplitude is large, the effect is significant and is corrected through the use of a numerical filter.

10. Somewhat related to the assumption of physical independence is the concept of statistical independence. A fundamental aspect of the

statistical model formulation is the assumption that the tide and the surge are statistically independent events. In other words, the probability of occurrence of one event (say, some surge level) is unaffected by the fact that a particular tide elevation exists.

11. The raw data used in the study are comprised of historical water-level records from 20 NOS tidal reference stations. Figure 2 shows the locations of these stations also listed in Table 1. In addition, the table shows the approximate dates for which water-level data are available.

12. Data are preprocessed in the following ways in order to get them into a form that can be analyzed. Data are scanned for periods during which there are missing data, bad data in terms of tape errors, or times when tropical storms may have influenced the measurements. The dates for which tropical storms may have influenced the Atlantic coast in the locations under study were obtained from Tropical Cyclones of the North Atlantic, 1871-1977, issued by the National Oceanic and Atmospheric Administration. It is important to note at this point that the quantity storm surge, as defined in this report, includes all meteorologically induced water-level anomalies except those due to tropical storms.

13. Analyzing one month at a time, the hourly values of water-level data are read from magnetic tape. An appropriate yearly mean sea level (from NOS tabulated values) is subtracted from all the values to reference the data to the base datum, and the predicted astronomical tide is subtracted from the water levels, leaving a residual which is called the storm surge in accordance with Equation 1. The storm surge time series then undergoes additional editing and is finally added to the astronomical tide to re-form the time series for total water level. These three time series become the processed data base for use in the statistical model formulation. The prediction of the tide as well as the editing of the storm surge time series is discussed in more detail below.

14. Due to variations in the orbits of the moon and earth about the sun, the gravitational forcing of the sun and moon on the earth's

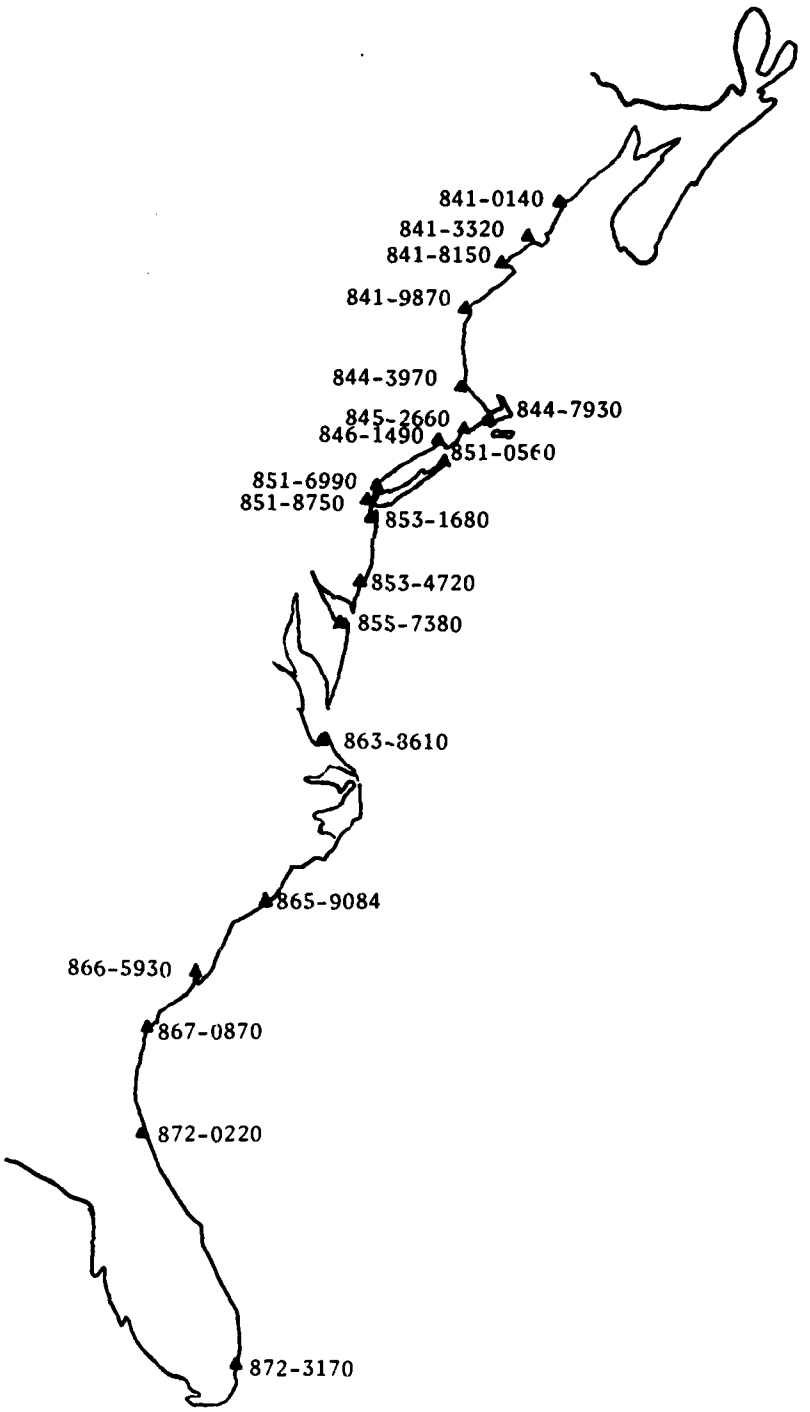

Figure 2. Geographical locations of east coast tidal reference stations investigated in the study

water bodies oscillates in a complex yet periodic fashion with components at many different frequencies combining to form the total effect. For practical purposes the astronomical tide can be represented as a finite sum of harmonic forcing functions,

$$\eta(t) = \eta_o + \sum_{i=1}^{N} a_i \cos (\sigma_i t - \varepsilon_i) \qquad (2)$$

where

$\eta(t)$ = tide elevation at any time t

η_o = elevation of some arbitrary datum (in this instance, yearly mean sea level) relative to some "fixed" reference point

N = total number of components considered with periods of oscillation less than 1 year (given in Schureman 1958)

a_i = amplitude of the individual components

σ_i = frequency of the i^{th} component

ε_i = phase of the individual components

15. Those forcing components with periods of oscillation greater than 1 year are taken into account by representing all of the constituent amplitudes and phases as the product of a mean amplitude and phase and a scale factor representing the oscillation about each mean. Therefore, Equation 2 can be rewritten as,

$$\eta_{ys}(t) = \eta_o + \sum_{i=1}^{N} f_{iy} A_{is} \cos (\sigma_i t - v_{iy} - K_{is}) \qquad (3)$$

where

$\eta_{ys}(t)$ = tide height at any location s during year y

f_{iy} = modification of the constituent mean amplitudes during year y

A_{is} = mean amplitude of the i^{th} constituent at location s

v_{iy} = modification of the constituent phases during year y

K_{is} = phase of the i^{th} constituent at location s

The longest element of periodicity reflected in the perturbation of these mean quantities is about 19 years. It should also be noted that the amplitude modification factors f_{iy} and the phase modification factors v_{iy} are only functions of time and are not dependent on location, whereas the mean quantities A_{is} and K_{is} are constant with time but do vary with location.

16. The combined parameters $f_{iy}A_{is}$ and $(v_{iy} + K_{is})$ are determined through an analysis of the observed tidal record at some location for some length of time, usually 369 days. The quantities f_{iy} and v_{iy}, which are also given in Schureman (1958), are then used to find the A_{is}'s and K_{is}'s. These last two "station constants," as they are called, can be obtained from NOS.

17. In Equation 3, the time t can be represented by

$$t = n\Delta t \qquad n = 1, 2, 3, 4, \ldots \qquad (4)$$

By choosing Δt as 1 hr, successive values of the astronomical tide can be predicted on an hourly basis which can then be subtracted from the total water level to yield a time series of storm surge values.

18. The storm surge values are edited in one and possibly both of the following ways. All of them are first checked for discontinuities which take the form of spikes due to errors in recording the hourly water level. These spikes are smoothed using simple averaging across the discontinuity. These kinds of errors are rare in comparison to the total number of hourly values examined; however, they should be corrected in order to obtain the most accurate representation of the storm surge time series.

19. The second type of editing is done on the storm surge records of stations with large tidal ranges or pronounced shallow-water effects. As mentioned earlier, if the phase of the predicted tide is slightly different from that of the actual tide, the computed storm surge exhibits the periodicity of the predicted astronomical tide. For stations with

smaller tide ranges the amplitude of this oscillating anomaly is negligible, but for those with large tide ranges the effect must be accounted for if meaningful values of surge are to be obtained.

20. A simple yet effective way to remove this anomaly is to employ a single component Fourier filter with the component frequency matching that of the tidal constituent with the largest amplitude. Figures 3-6 show the effect of the filter on the storm surge at Charleston, S. C., and Seavey Island, Maine, during periods of both low and high surge. The same filter was also applied to the storm surge time series at Boston, Mass.; Eastport, Bar Harbor, and Portland, Maine; Southport, N. C.; Atlantic City, N. J.; Fort Pulaski, Ga.; and Mayport and Miami Beach, Fla. Since the storm surge series alone, and summed with the tide to produce the water-level series, are an integral part of the statistical model formulation, it is important that they be as accurate as possible.

Statistical Analysis

21. Up to this point the procedure used in generating the statistical model data base, the three time series of hourly values, has been presented. These data are useful in obtaining the following information at each site analyzed: (a) a probabilistic estimate of the magnitude of expected water levels in both a seasonal and yearly sense, via estimated PDF's and cumulative distribution functions (CDF's) derived from histograms of hourly values, (b) durations of expected water levels above certain values, and (c) seasonal as well as yearly variation in extreme storm surges. The extremal information presented here will supplement numerically simulated storm surge data in the formulation of extreme statistics for both tropical and extratropical storms. This formulation as well as the linking of the tidal statistics with the extreme surge statistics in order to evaluate extreme total water levels will be presented in a later report.

22. It must be remembered that the recorded data and the statistical results derived from them are site-specific; i.e., there is available

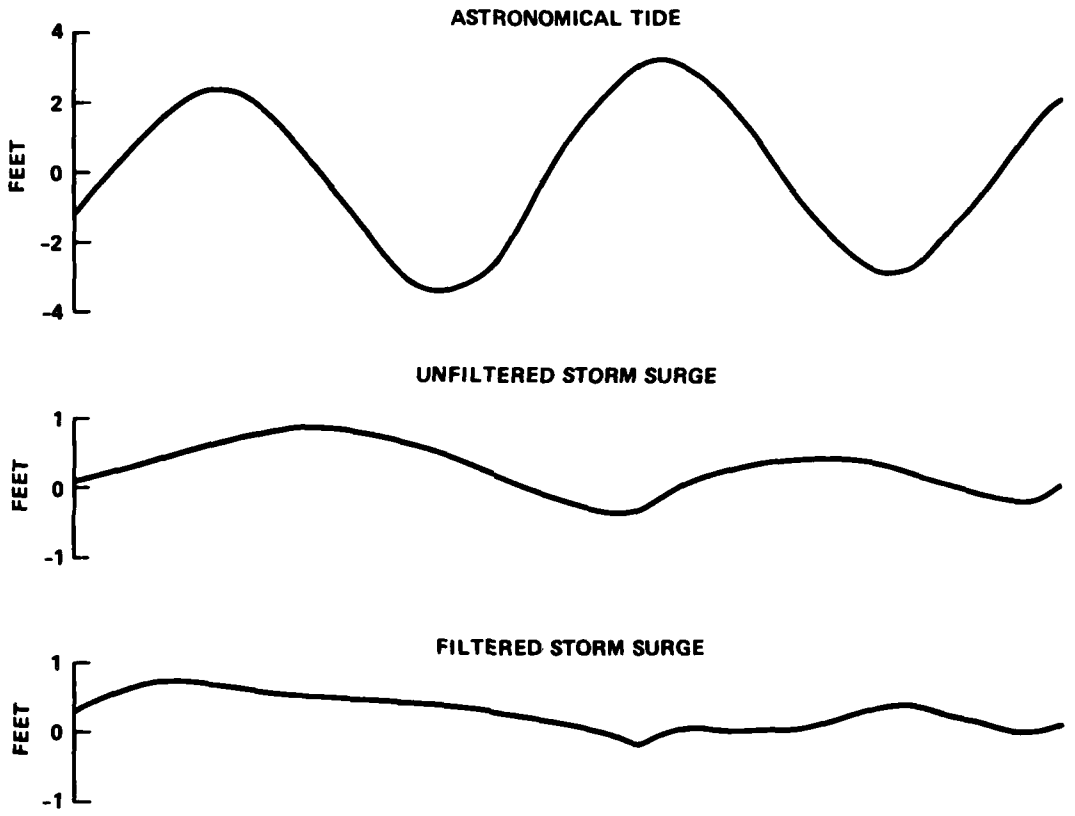

Figure 3. Effect of the Fourier numerical filter on the storm surge time series at Charleston, S. C., 6-7 May 1945

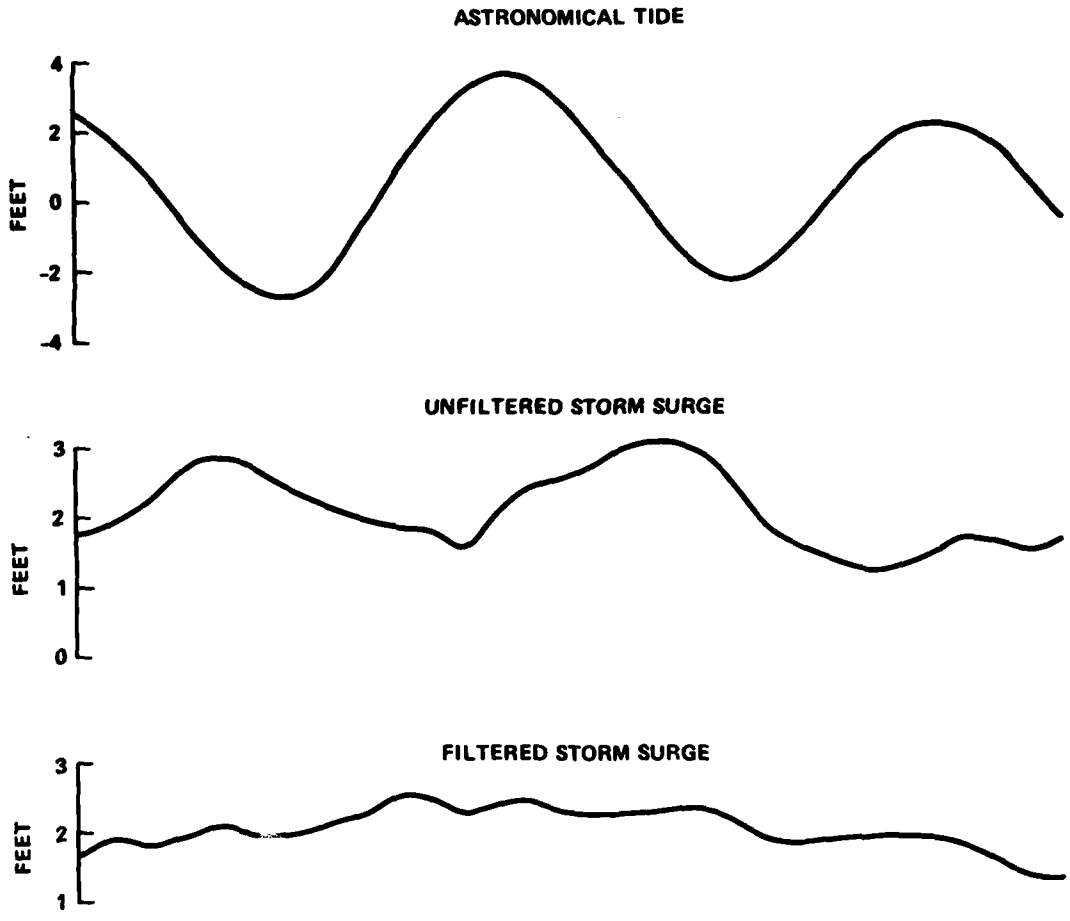

Figure 4. Effect of the Fourier numerical filter on the storm surge time series at Charleston, S. C., 1-3 Nov 1947

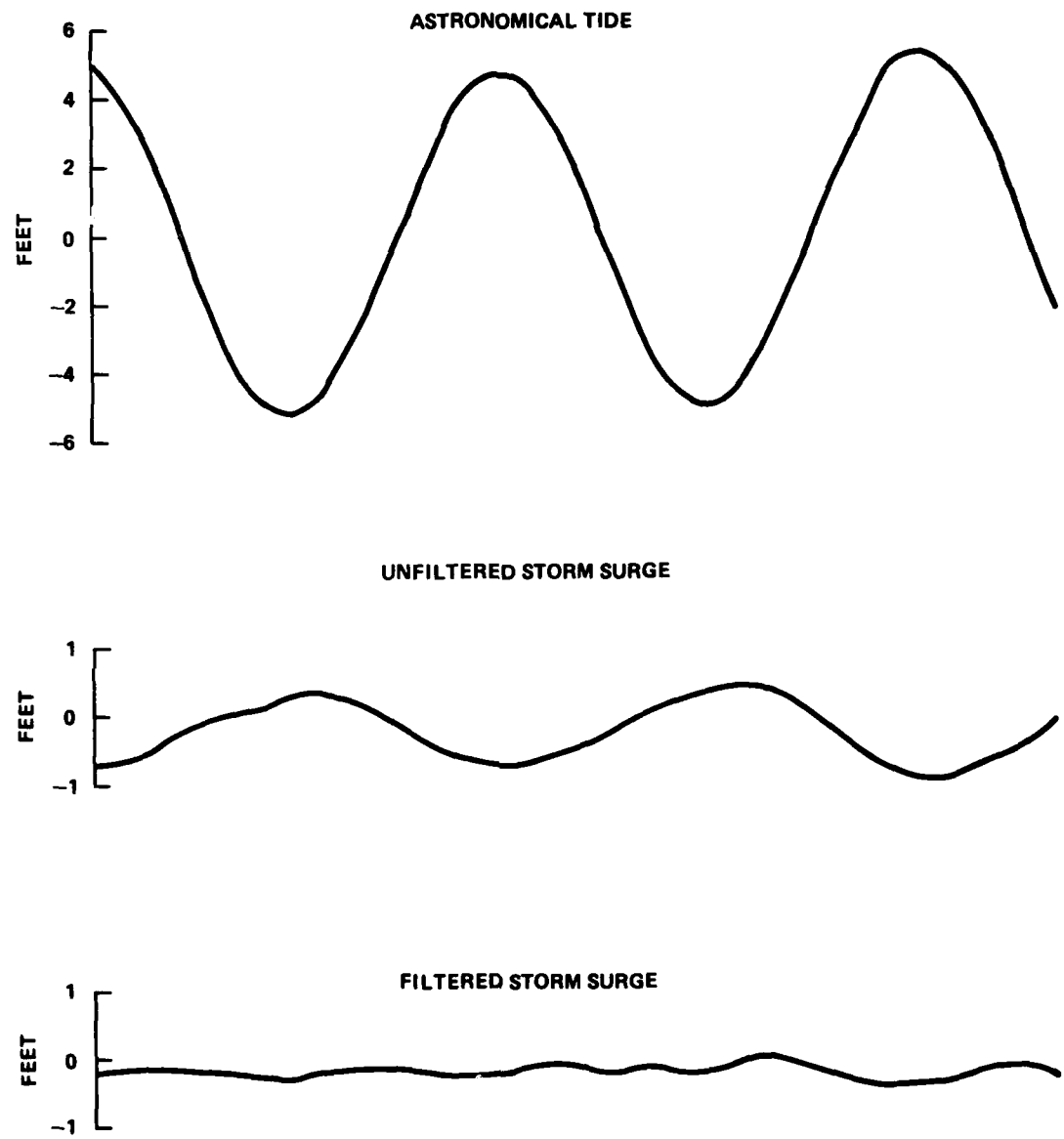

Figure 5. Effect of the Fourier numerical filter on the storm surge time series at Seavey Island, Me., 12-13 Sep 1946

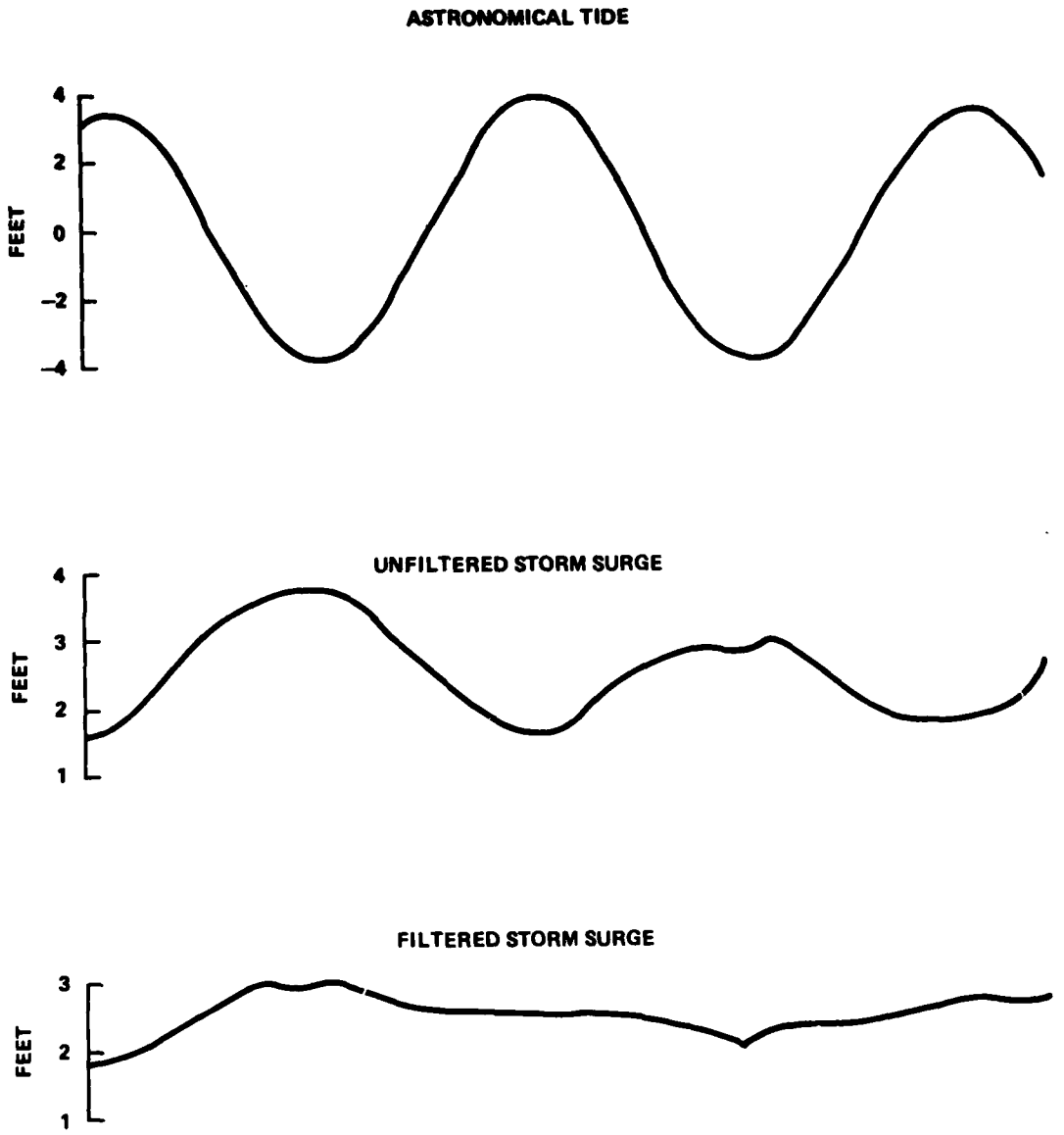

Figure 6. Effect of the Fourier numerical filter on the storm surge time series at Seavey Island, Me., 27-30 Nov 1945

information at only a few widely dispersed points along the coast. Since this information is also desired at the same spatial scale for which wave information from Phase III is available, reasonable methods will be suggested for extrapolation of results to data sparse areas. These methods are crude, yet represent a possible solution to the extrapolation problem until more data become available.

Expected water-level climate

23. The time series of hourly values of water level, storm surge, and astronomical tide are analyzed 1 month at a time with the following information available for each month: (a) a listing of the tide and the surge, nonfiltered and filtered if applicable, (b) output onto magnetic tape of the storm surge and total water-level time series for use in the duration analysis, (c) breakdown of the hourly values into histograms using the parameters shown in Table 2 which are in the format:

Range in feet

Number of Intervals (Interval size in feet)

(d) computation of a monthly mean, standard deviation and a maximum and a minimum. The information from (c) and (d) is also written onto tape. The monthly histograms which are accumulated on both a month-by-month basis and a yearly basis, are used to compute estimated PDF's and CDF's. The statistical parameters mentioned in (d) are treated in much the same way in order to find their seasonal as well as yearly values.

24. Figures 7-9 illustrate the estimated yearly PDF's for all three water-level variables at Hampton Roads, Virginia, based on 0.1-ft histogram intervals. The bimodal shape of the tidal PDF is characteristic of all the east coast reference stations examined. The variance of this distribution is related to the mean tidal range. The PDF for the total water level has a similar shape but with reduced peaks and more spread tails; and again, this form is also common to the other stations. This particular distribution can also be derived by numerically

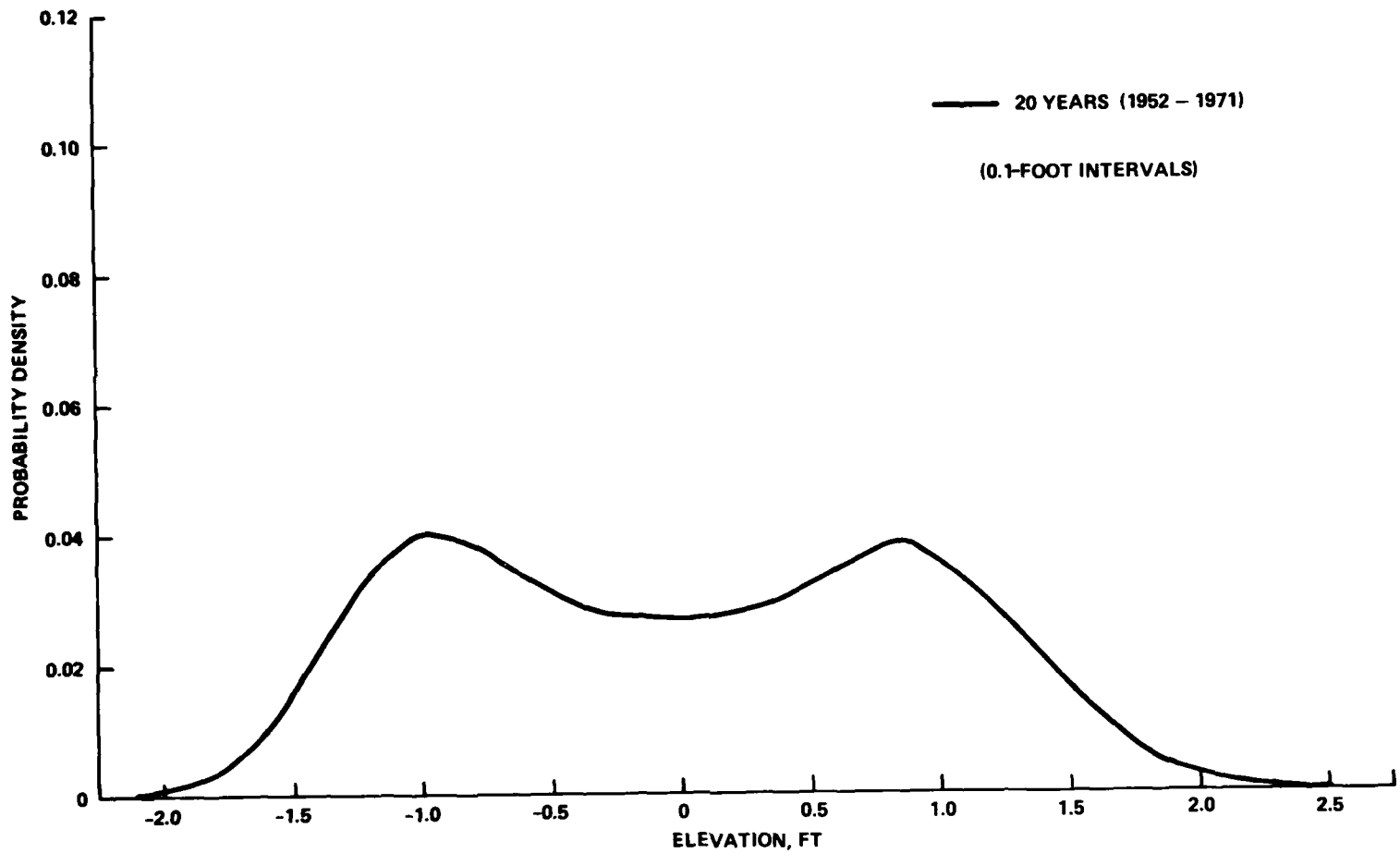

Figure 7. Estimated probability density function for astronomical tide at Hampton Roads, Va.

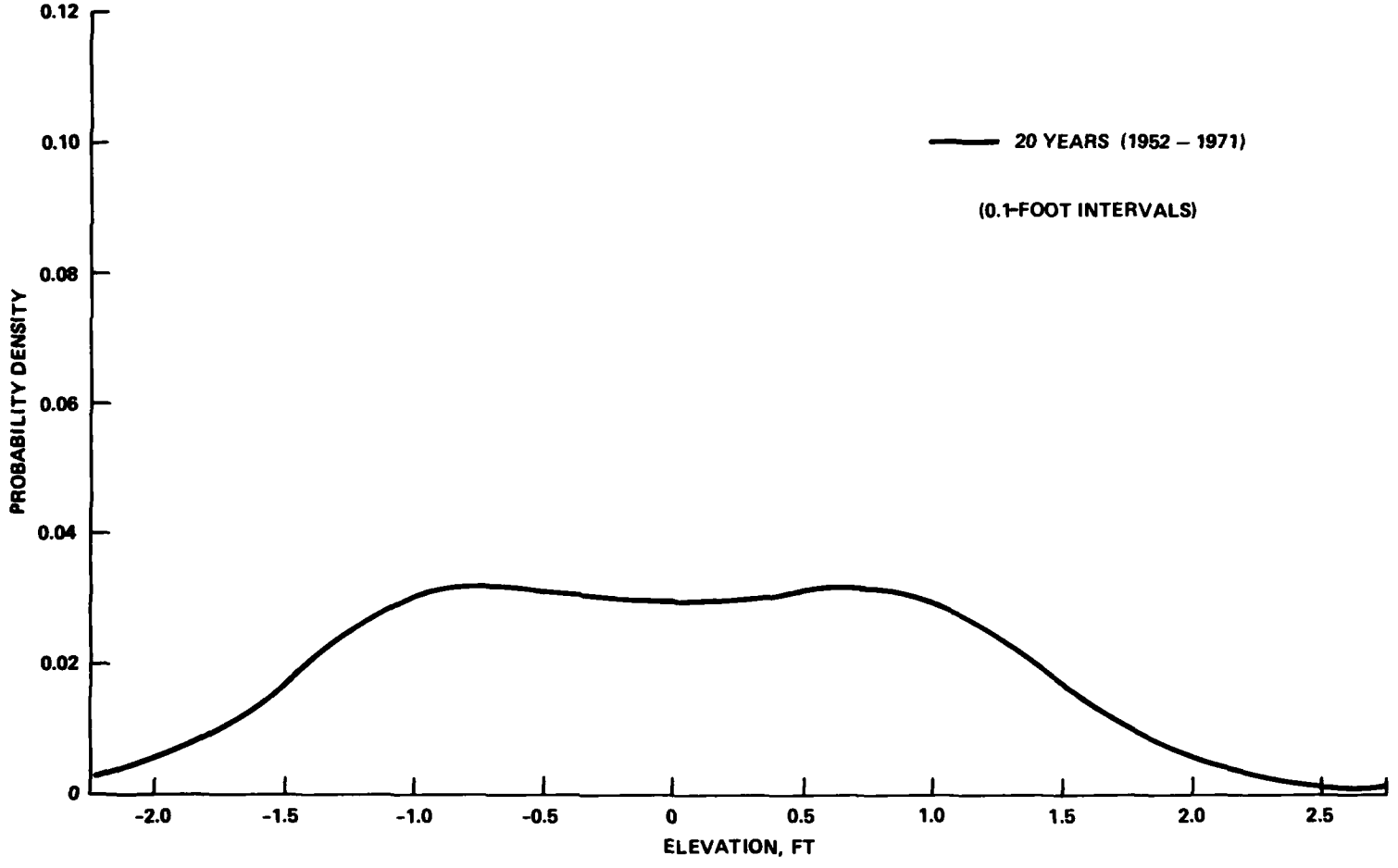

Figure 8. Estimated probability density function for total water level at Hampton Roads, Va.

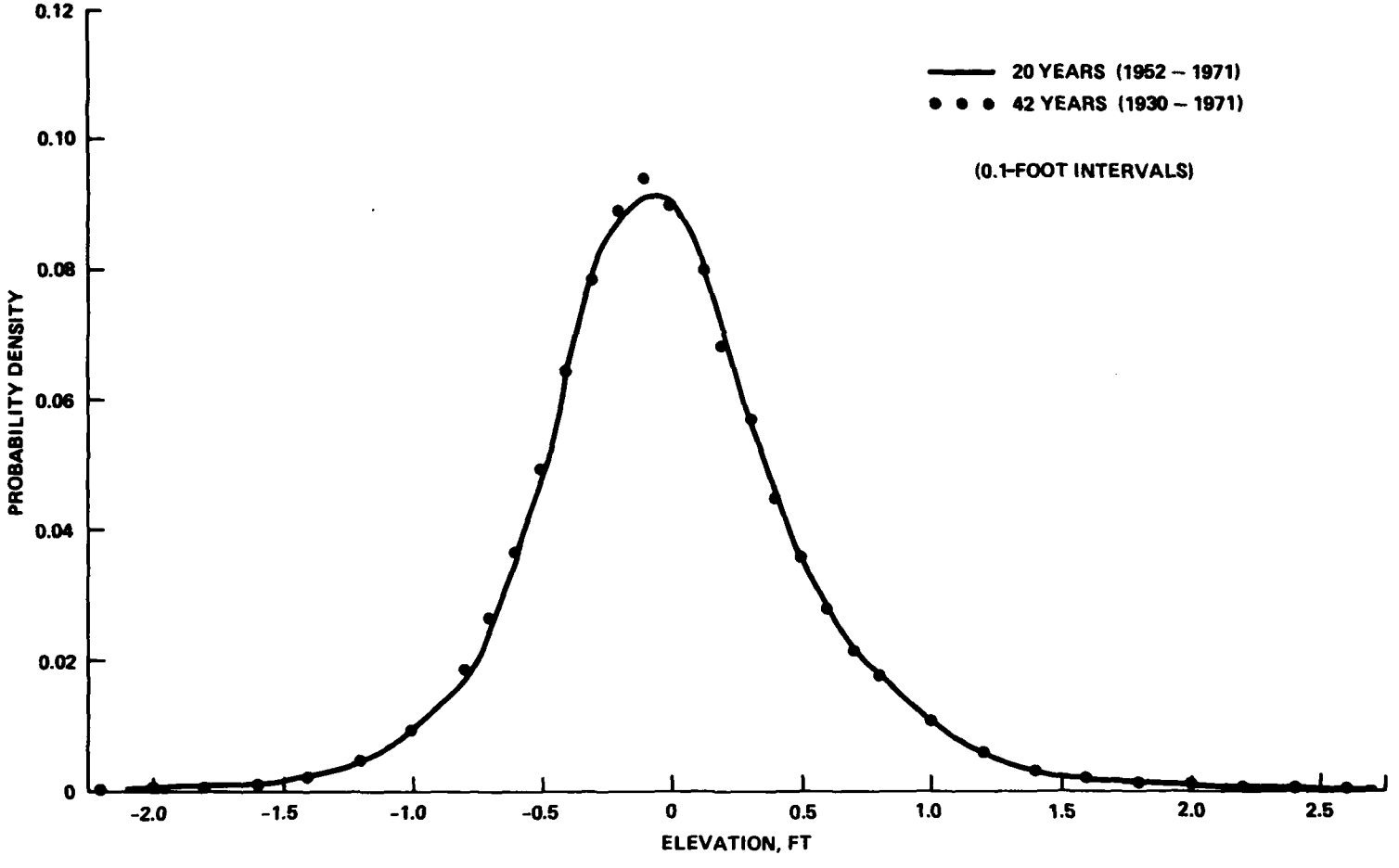

Figure 9. Estimated probability density function for storm surge at Hampton Roads, Va.

convolving the tidal PDF with the storm surge PDF.

25. Notice the similarity in shape between the storm surge distribution and a normal distribution. Despite its appearance, the unimodal storm surge PDF is not Gaussian but instead has a positive skewness. This general shape is characteristic of all those locations analyzed. Also note how the derived distribution using 20 years of data corresponds to that using 42 years of data. The negligible differences illustrate the stationariness of the statistics reflected by the storm surge PDF in this time frame.

26. In working with the data, it was found that about 10 years of data were necessary to formulate reasonably stationary yearly statistics. However in this work, about 20 years of data, or as much as was available, was used for all the stations since this length of time corresponds to the largest periodicity of the tidal cycle--about 19 years. The use of about 19 years of astronomical tide data assures us of a relatively stationary tidal PDF. The annual and semiannual variations in the astronomical tide are not included in the statistics presented for Eastport, Bar Harbor, Seavey Island, Montauk Point, and Southport.

27. This probability density and cumulative distribution information for all the stations is presented in tabular form in the tables shown in Appendix B, pages B1-B260. The stations are arranged, as in Table 1, in descending order as you move down the Atlantic coast. This order will be used in all subsequent graphics. Each station has 13 pages of this kind of information, the first being the "average" yearly statistics for the three variables, tide, surge, and total water level. The next 12 pages for each station contain the same information on a month by month basis. The approximate means and standard deviations, computed using the interval center values and the number of occurrences, are also included in these tables. It is important to emphasize that care must be exercised in using the right-hand portions (large positive elevations) of these PDF's and CDF's. A detailed extreme value analysis for these larger values will be the subject of a subsequent report.

28. Another statistic of concern, but not often investigated, is the duration of water levels above certain elevations. Figures in

Appendix C, pages C1-C40, show the average and maximum durations above certain levels, once those levels have been exceeded. There are two plots for each station, one for the total water level and one for the storm surge. Three important points should be made about this series of figures. First, these statistics were derived using hourly time series with record lengths from only 2 to 5 years (not the total record length of data analyzed) due to computer storage limitations. This created end effects at the left-hand portions of the curves, which can be tolerated since the majority of interest lies in the durations above larger values of the abscissa. Secondly, since the time series contained discontinuities due to bad or missing data, the computed maximum durations might be slightly conservative; however, the average durations are probably negligibly affected. Finally, as with the PDF and CFD information, caution must be used in interpreting results from the right-hand portions of the curves. On each plot the location is marked, beyond which is shaded, where fewer than 10 exceedances of a certain level were used to compute a maximum and an average. A separate duration analysis for extreme storm surges and total water levels (including the effects of the astronomical tide) will be presented in the subsequent report on extremes (paragraph 27).

29. The expected water-level climate at locations for which a sufficient quantity of data does not exist can be approximated in a statistical sense using the site-specific results from the tidal reference station data. Harris (1981) suggests a method for extrapolating the astronomical tide PDF's computed for these stations to data sparse areas. His method consists of "normalizing" the known PDF by its mean range and then multiplying it by the estimated mean range of some nearby location. The mean ranges for many locations along the coast are estimated and published by NOS in their yearly tide tables.

30. As seen in the PDF and CFD tables, the statistics for the storm surge vary in a fairly uniform fashion from station to station. A reasonable estimate for these statistics at some intermediate location can be obtained by using an average of the PDF's of two nearby sites or by using the results of the nearest station. This assumed form for the

storm surge distribution can then be numerically convolved with the estimated tidal distribution in order to arrive at acceptable statistics for the expected total water-level climate.

Extreme water-level climate

31. As mentioned before, work is being done on a report that will contain statistics on the magnitudes and durations of large storm surges due to both tropical and extratropical storms, which in turn will be incorporated with the astronomical tide results presented here to form extreme total water-level statistics. All of this information will be available on a spatial scale that is compatible to that of the near-shore wave statistics.

32. Notwithstanding, the data recorded at the tidal reference stations are of sufficient length that they can be useful in obtaining information on extreme meteorologically induced surges. These data and subsequent statistically derived results can then be used as a check on and a supplement to those derived from the numerically simulated data. In this report only the quantity storm surge will be dealt with in terms of extremes. Problems in determining total water-level extremes will be discussed later in this section.

33. In this study the extratropical storm surge extremes will be incorporated into a "typical" extreme event theory under the assumption that the data follow this particular probability law. Using this theory, different analyses will be done to illustrate certain applications of extreme event data. In many instances the data support the assumed theory quite well, yet in others the fit is not very good. This type of procedure is that which is most commonly used in dealing with extreme water levels and storm surges. At the end of this section questions are raised as to whether or not this is the best possible approach.

34. The data used for our assumed theory are the monthly maxima of storm surge measured at each tidal reference station. The largest of these values are computed by hand using Equation 1. Reiterating, any increase in the water level due to a substantial meteorological effect alters the propagation speed of the astronomical tide, producing phase errors between the actual and predicted tide and creating the

oscillating effect in the surge time series. The predicted astronomical tide time series are shifted in time to obtain a more realistic representation of the actual storm surge.

35. These data values are then used as input into the theory with the following underlying assumption: the maxima, each being the largest of between 400 and 744 hourly values during the month, follow a double exponential or Gumbel type distribution given by,

$$P\ (x \leq X) = \exp\ \{-\exp\ [-\alpha\ (X - \mu)]\} \tag{5}$$

or alternatively,

$$X = \mu - \frac{1}{\alpha} \ln\ (-\ln P) \tag{6}$$

where

P = probability that the storm maximum x is less than or equal to some value X

μ and α = statistical parameters which characterize the particular distribution of monthly maxima

It is also assumed that the yearly maxima, the largest of the 12 monthly maxima during a given year, follow the same distribution. The parameters α and μ are found by fitting a straight line to points whose ordinate is the maxima values themselves, and the abscissa is a reduced variate defined by

$$y = \frac{x - \mu}{\alpha} \tag{7}$$

An average least-squares fit, in terms of both the abscissa and ordinate, is used to determine the "best" straight line. For a complete description of this method, see Gumbel (1954).

36. Data for the monthly extremes as well as the yearly extremes are presented in Appendix D, pages D1-D140. Each station has 13 figures, 1 for the yearly maxima and 12 for the monthly extrema. The frequency of

occurrence P is plotted on the abscissa in a double logarithmic fashion and the surge maxima are plotted on the ordinate in a linear scale.

37. The frequency P, used in plotting the points, is found by ranking the surge extremes from smallest to largest and then dividing the rank of each by the total number of maxima examined plus one, $N + 1$,

$$P = \frac{M}{N + 1} \tag{8}$$

where M is the rank from below.

38. If the double exponential theory does indeed hold, the maxima values should plot as a straight line using the axis configuration in the plots. The return period T, given simply by

$$T = \frac{1}{1 - P} \tag{9}$$

is plotted along the top. The return period is the time in years during which a particular value of the storm surge can be expected to be surpassed during some time frame, whether it be a year or a particular month.

39. The tables shown in Appendix E, pages E1-E10, contain the α, μ pairs computed for the year and for each month as well as the number of extremes used to compute them. The μ value gives an indication of the average magnitude of the extreme values, i.e. the most expected extreme where larger μ indicates larger values. The α parameter is a measure of the range of extremes encountered with lower α values corresponding to more variance in the extremes. In addition, the 2-, 5-, 10-, 20-, and 50-year return period events are computed using the appropriate α, μ pair and letting P be equal to 0.50, 0.80, 0.90, 0.95, and 0.98, respectively, in Equation 6.

40. If we assume that the extremes for each month come from different populations and that the maximum events from successive months are statistically independent, the probability that during the year the surge x is less than or equal to X can be expressed as the product

of the 12 monthly exceedance probabilities,

$$P\ (x \leq X) = \prod_{i=1}^{12} \exp\ \{-\exp\ [-\alpha_i\ (X - \mu_i)]\} \qquad (10)$$

The last line in each of the tables gives the same return period estimates using this equation. This is just an alternative approach to that using yearly extremes.

41. The frequencies of occurrence and corresponding return periods derived from the Gumbel theory are not absolute, deterministic quantities. As with other probability theories there are confidence bands associated with the line defined by any α , μ pair. These confidence bands, or control curves as they are called here, are useful in (a) determining the risk associated with assuming a particular frequency of occurrence (or return period), (b) determining whether or not the theory is acceptable, and (c) making decisions on which, if any, points constitute "outliers" within the data set. The following is a brief explanation taken from Gumbel (1954) on the computation of these control curves. A sample problem illustrating the computations is also presented.

42. It is assumed that for any particular occurrence frequency in the range 0.15 to 0.85 the corresponding storm surge is asymptotically normally distributed about some mean and with some variance. This mean surge value is that predicted by Equation 6 for a specified α , μ pair. The variance is expressed in terms of standard errors, Δx , which are added to and subtracted from the mean value, thus forming the control curves. Accordingly, there is a probability of 0.6827, corresponding to one standard deviation, that the actual surge value for a particular exceedance frequency lies within <u>one</u> standard error on either side of the mean. If <u>twice</u> this standard error is used, the probability that the surge lies within this standard error increases to 0.9545. The ends of these control intervals at each frequency are connected, forming control curves. Knowing the parameter α and the number of extremes used in its computation, N , the standard errors corresponding to the discrete frequencies of exceedance, P , can be computed using Table 3, where

$$Q = \alpha\sqrt{N} \tag{11}$$

43. The control curves are also extended to the largest (L) and the second largest (L-1) theoretically predicted surge values. The standard errors, within which there is a 0.6827 chance that the surge value corresponding to a particular frequency will lie, are given by

$$\Delta X_L = \pm \frac{1.14071}{\alpha} \tag{12}$$

and

$$\Delta X_{L-1} = \pm \frac{0.75409}{\alpha} \tag{13}$$

for the largest and next largest values, respectively. For a probability of 0.9545 the control intervals become

$$\Delta X_L = \pm \frac{3.06685}{\alpha} \tag{14}$$

and

$$\Delta X_{L-1} = \pm \frac{1.78196}{\alpha} \tag{15}$$

These control intervals are again added to and subtracted from the theoretical predictions, the ends of which are connected to the control curves at the lower frequencies. To extend the control curve beyond the largest value measured, the standard error associated with this value is added and subtracted from the predicted line. It must be remembered that as with any theory, the control curves, or confidence bands, are an integral part. Along with the theoretical line defined by any α, μ pair they suggest the most probable surge heights associated with a particular frequency of occurrence, or return period. This is actually a statement of the risk involved in selecting a certain probability of exceedance and its corresponding surge levels. The procedure for constructing control curves is illustrated in Figures 10 and 11.

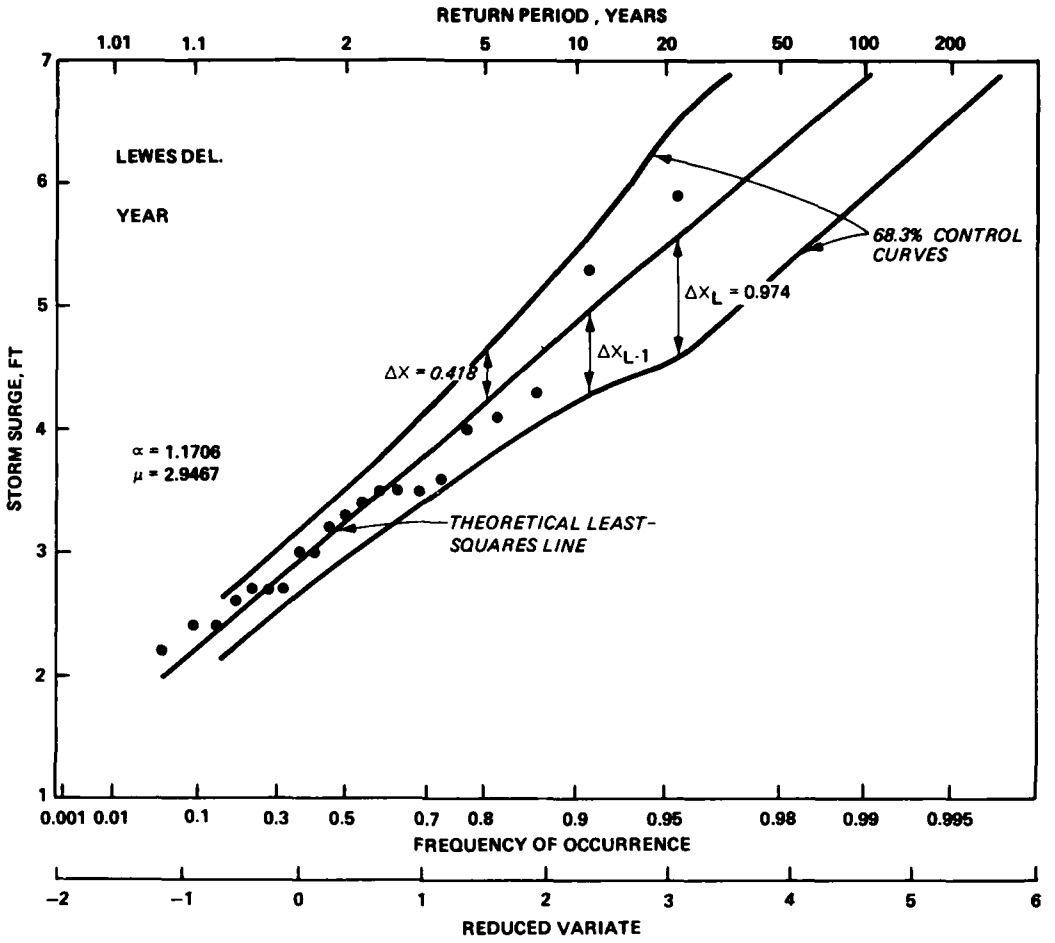

Figure 10. Graphical illustration of the application of the "Gumbel" extreme value theory

44. A typical treatment of extremes has been applied to both monthly and yearly storm surge maxima, in which a theoretical model has been postulated and the data are assumed to follow the theory. In this way some information is obtained about the variation in the statistics of extreme surge heights along the Atlantic coast. By using this particular method of analysis we characterize a storm event by a single scalar, the peak surge.

45. However, many factors combine to determine the magnitude of this scalar quantity such as wind speed and direction, storm track, storm duration, atmospheric pressure gradients, and the orientation of

Computation of Control Curves for the Maximum Yearly Storm Surges at Lewes, Del.

Rank	Height, H	Frequency, I/N + 1	Reduced Variate
1	2.2	0.0455	-1.1285
2	2.4	0.0909	-0.8746
3	2.4	0.1364	-0.6894
4	2.6	0.1818	-0.5334
5	2.7	0.2273	-0.3931
6	2.7	0.2727	-0.2618
7	2.7	0.3182	-0.1355
8	3.0	0.3636	-0.0115
9	3.0	0.4091	0.1123
10	3.2	0.4545	0.2377
11	3.3	0.5000	0.3665
12	3.4	0.5455	0.5007
13	3.5	0.5909	0.6423
14	3.5	0.6364	0.7941
15	3.5	0.6818	0.9597
16	3.6	0.7273	1.1443
17	4.0	0.7727	1.3555
18	4.1	0.8182	1.6061
19	4.3	0.8636	1.9200
20	5.3	0.9091	2.3506
21	5.9	0.9545	3.0679

$N = 21$

$$\bar{H} = \frac{1}{N} \sum_{i=1}^{N} H_i = 3.3952$$

$\bar{H}^2 = 11.5276$

$$\overline{H^2} = \frac{1}{N} \sum_{i=1}^{N} H_i^2 = 12.3614$$

$\sigma_H^2 = \overline{H^2} - \bar{H}^2$ $\qquad \sigma_H = 0.9131$

$\bar{y}_N = 0.5251$ $\qquad \sigma_N = 1.0689$ (From Gumbel (1954) and dependent on N only)

$\alpha = \sigma_N/\sigma_H = 1.1706$

$\mu = \bar{H} - (\bar{Y}_N / \alpha) = 2.9467$

Control Curves:

Frequency	0.150	0.200	0.300	0.400	0.500	0.600	0.700	0.800	0.850
Q	1.255	1.243	1.268	1.337	1.443	1.598	1.835	2.241	2.585
68.3% std error	0.234	0.232	0.236	0.249	0.269	0.298	0.342	0.418	0.482
95.5% std error	0.468	0.463	0.473	0.498	0.538	0.596	0.684	0.836	0.964

68.3% standard error for $H_L = 0.974$ and for $H_{L-1} = 0.644$

95.5% standard error for $H_L = 2.620$ and for $H_{L-1} = 1.522$

Figure 11. Computations required for the application of the Gumbel extreme value theory

the coastline relative to the storm geometry. A better formulation of the extremal problem might be to evaluate the surge statistics in terms of statistics of the above storm characteristics. In this way the dynamics of storm generation are better related to the storm surge and insight is gained into the problem of mixing populations of different kinds of storms, which is inherent in assuming that all the data fit some theoretical model. This type of approach is being investigated and any results from it are expected to be presented in the separate extreme event report.

46. An interesting example that illustrates this point is the following. For the yearly extreme storm surge analysis at locations within the New York Bight area, the November 1950 storm produced a peak surge that appears to be an "outlier" in the plot. One might assume, therefore, that it was an extremely rare event that just happened to occur during the period for which the data were recorded. However, upon inspecting the extremal statistics for the month of November at these same locations, the data points appear to lie on either of two fairly straight lines, each with a different slope. The 1950 storm, among others, lies on the upper line. In this perspective, that particular event does not appear to be an outlier, but rather is included in one of two different kinds of storms distinguished apart by some storm characteristic or group of characteristics. It is obvious how the treatment of this one storm can influence the anticipated return period associated with this magnitude of storm surge.

47. The subject of extreme total water levels (the concurrence of large storm surges and astronomical tides) to this point has been left untouched. A few unanswered questions are involved in the generation of extremal statistics for water levels. The following discussion will illustrate a common method for analyzing these extremes, problems associated with this method, and possible alternatives to the approach.

48. A common practice in the analysis of water-level extremes is to treat them in the same way as the storm surge, by assuming that a particular data set fits a postulated theoretical model. Figure 12 shows a plot of the yearly total water-level extremes at Sandy Hook, N. J.,

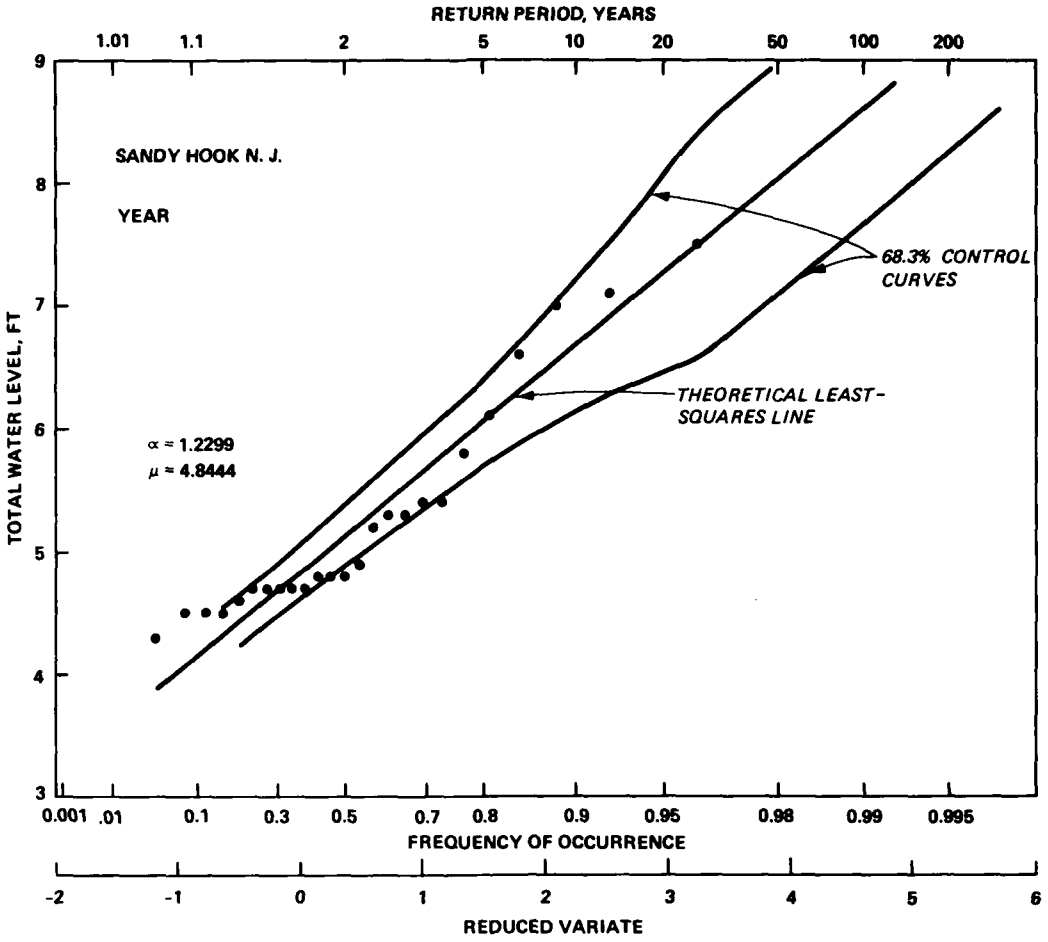

Figure 12. Gumbel theory applied to yearly extreme water-level data at Sandy Hook, N. J.

assuming that the Gumbel theory holds. One might be fairly confident in using the computed best fit line along with the control curves to extrapolate to larger values associated with longer return periods. Once again, however, there is evidence of two or even more different regions represented by the data, each with a different characteristic slope. As stated earlier, this might indicate the presence of difference populations of events that are being analyzed together.

49. Table 4 is a breakdown of each of these extreme points into its surge and tidal components along with additional information about these two variables during the event that produced the extreme water

level. Contained in the table are the following: (a) the year and month for each data point; (b) the water-level value (WL), the surge (SS), and tidal (T) component; (c) the maximum (T_{max}) and minimum (T_{min}) tides surrounding the time of peak water level; (d) the maximum surge (SS_{max}) during the particular storm event and also the magnitude of the tide coincident in time with this peak surge ($T_{ss_{max}}$); and (e) the duration(s), in hours, for which the storm surge during the event remained above the values listed (commas separate different times during the same event for which a particular level was surpassed).

50. First, notice that the extreme water levels occur primarily in the months October through March. This is to be expected since during this winter season the largest extratropical storms that affect this area of the coast are generated. Secondly, note the similarity between the tidal component of the extreme water levels (T) and the high tide values (T_{max}). All the extreme water levels occurred at or near high tide; however, the data also seem to be comprised of three groups of surge-high tide combinations: (a) large "spring" tides and average or negligible storm surges, (b) fairly substantial surges that are about of the same magnitude as the high tide, and (c) surge components that are much larger than the high tides and produce the largest extreme water-level conditions. These are the points with which we are most concerned when analyzing extreme water levels.

51. The question can then be raised whether or not it is correct to plot together these three classes of points that arise due to different meteorological/climatological conditions and then extrapolate to find the water levels associated with longer return periods. Figure 12 shows evidence that the lower values of the extreme water levels have a particular slope which is dictated by the population of yearly high tides (generally 3.8 to 4.0 ft) yet the higher values indeed do tend to lie along a different slope. Therefore the answer to the question raised above is probably no.

52. An alternative approach must be found in which the events that produce the largest values of total water-level are analyzed separately. This involves the numerical convolution of extremal storm

surge statistics with appropriate seasonal tidal statistics. In Table 4, notice the peak surges associated with each event (SS_{max}), the concurrent tidal component ($T_{SS_{max}}$), and the tide range reflected by T_{max} and T_{min}. It appears from the data that the peak surge can occur at any time during the tidal cycle. However, this is probably subject to an additional parameter, the duration of the event, and the surges produced by it. For example, if a storm generates a fairly constant surge for more than 12 hr, the peak surge will occur at low tide due to hydrodynamic effects associated with the decrease in total water level. The peak total water level will still occur at high tide. If, on the other hand, the storm surge varies significantly during the 12 hr, the peak surge can occur at any time during the tidal cycle. As illustrated by the data the peak water level will probably occur at high tide with a value of the storm surge that is less than the peak value. Again, this is really constrained by the variation in the magnitude of the surge. During this kind of event, the possibility always exists for the peak surge to occur during high tide, thereby producing an extremely high water level.

53. The extreme water-level analysis then depends on (a) the magnitudes and durations of large storm-induced surges, and (b) the tidal conditions that can be expected to exist during these storm events. By knowing the extreme surge magnitude statistics and keeping the statistics of surge durations for different magnitudes in mind, one could convolve all or portions of the surge statistics with all or parts of the tidal statistics. For example, on the average, the lower values of storm surge during an event can be expected to be surpassed for at least a tidal cycle. Therefore, their statistics should be convolved with the statistics of higher tides only, in order to produce expected extreme water levels. In the case of the large surges, whose durations are only on the order of 1 to 2 hr, their statistics should be convolved with statistics that reflect all or a majority of the tidal cycle.

54. The continuing effort in the determination of extreme water levels is taking this direction. By first defining the statistics of extreme storm surges in terms of probabilities of meteorologic and

climatologic dynamics and then defining statistics of surge durations, many of the questions involving the estimation of extreme water levels can hopefully be answered.

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Table 1

National Ocean Survey, East Coast Tidal Stations

Station No.	Station Name	Location		Available Data
		Latitude	Longitude	
841-0140	Eastport, Maine	44°54.2'N	66°59.1'W	1940-1967
841-3320	Bar Harbor, Maine	44°23.5'N	68°12.3'W	1947-1967
841-8150	Portland, Maine	43°39.4'N	70°14.8'W	1940-1967
841-9870	Seavey Is., Maine	43°04.9'N	70°44.7'N	1940-1967
844-3970	Boston, Mass.	42°21.3'N	71°03.0'W	1936-1965
844-7930	Woods Hole, Mass.	41°31.5'N	70°40.4'W	1932-1964
845-2660	Newport, R. I.	41°48.4'N	71°24.1'W	1940-1966
846-1490	New London, Conn.	41°21.5'N	72°05.5'W	1938-1954
851-0560	Montauk Pt., N. Y.	41°02.9'N	71°57.6'W	1947-1967
851-6990	Willets Pt., N. Y.	40°47.6'N	73°46.9'W	1940-1967
851-8750	The Battery, N. Y.	40°42.0'N	74°05.5'W	1936-1968
853-1680	Sandy Hook, N. J.	40°28.0'N	74°00.1'W	1940-1967
853-4720	Atlantic City, N. J.	37°21.3'N	74°25.1'W	1955-1960 1971-1981
855-7380	Lewes, Del.	38°46.9'N	75°07.2'W	1950-1973
863-8610	Hampton Roads, Va.	36°56.8'N	76°19.9'W	1927-1971
865-9084	Southport, N. C.	33°54.9'N	78°01.1'W	1933-1954
866-5930	Charleston, S. C.	32°46.9'N	79°55.5'W	1940-1966
867-0870	Fort Pulaski, Ga.	32°02.0'N	80°54.1'W	1935-1967
872-0220	Mayport, Fla.	30°23.6'N	81°25.9'W	1940-1969
872-3170	Miami Beach, Fla.	25°46.1'N	81°07.9'W	1972-1981

Table 2

Parameters Used to Define Histograms of Hourly Values for the Water Level, Surge, and Tide

Station	Tide	Surge	Water Level
Eastport	-16.0 to +16.0 81(0.4)	-4.0 to +6.0 101(0.1)	-16.0 to +16.0 81(0.4)
Bar Harbor	-8.0 to +8.0 81(0.2)	-4.0 to +6.0 101(0.1)	-12.0 to +12.0 61(0.4)
Portland	-8.0 to +8.0 81(0.2)	-4.0 to +6.0 101(0.1)	-8.0 to +8.0 81(0.2)
Seavey Is.	-8.0 to +8.0 81(0.2)	-4.0 to +6.0 101(0.1)	-8.0 to +8.0 81(0.2)
Boston	-8.0 to +8.0 81(0.2)	-4.0 to +6.0 101(0.1)	-8.0 to +8.0 81(0.2)
Woods Hole	-4.0 to +4.0 81(0.1)	-4.0 to +6.0 101(0.1)	-6.0 to +6.0 61(0.2)
Newport	-4.0 to +4.0 81(0.1)	-4.0 to +6.0 101(0.1)	-6.0 to +6.0 81(0.2)
New London	-4.0 to +4.0 81(0.1)	-4.0 to +6.0 101(0.1)	-5.0 to +7.0 61(0.2)
Montauk Pt.	-4.0 to +4.0 81(0.1)	-4.0 to +6.0 101(0.1)	-6.0 to +6.0 61(0.2)
Willets Pt.	-6.0 to +6.0 81(0.15)	-4.0 to +6.0 101(0.1)	-8.0 to +8.0 81(0.2)
The Battery	-4.0 to +4.0 81(0.1)	-4.0 to +6.0 101(0.1)	-6.0 to +6.0 61(0.2)
Sandy Hook	-4.0 to +4.0 81(0.1)	-4.0 to +6.0 101(0.1)	-5.0 to +7.0 61(0.2)
Atlantic City	-4.0 to +4.0 81(0.1)	-4.0 to +6.0 101(0.1)	-5.0 to +7.0 61(0.2)
Lewes	-4.0 to +4.0 81(0.1)	-4.0 to +6.0 101(0.1)	-5.0 to +7.0 61(0.2)
Hampton Roads	-4.0 to +4.0 81(0.1)	-4.0 to +6.0 101(0.1)	-6.0 to +6.0 61(0.2)
Southport	-4.0 to +4.0 81(0.1)	-4.0 to +6.0 101(0.1)	-6.0 to +6.0 61(0.2)
Charleston	-6.0 to +6.0 81(0.15)	-4.0 to +6.0 101(0.1)	-6.0 to +6.0 61(0.2)

(Continued)

Note: In last three columns, top line is range in feet; second line is number of intervals followed by the interval size in feet in parentheses.

Table 2 (Concluded)

Station	Tide	Surge	Water Level
Fort Pulaski	-6.0 to +6.0 81(0.15)	-4.0 to +6.0 101(0.1)	-8.0 to +8.0 81(0.2)
Mayport	-4.0 to +4.0 81(0.1)	-4.0 to +6.0 101(0.1)	-6.0 to +6.0 61(0.2)
Miami Beach	-4.0 to +4.0 81(0.1)	-4.0 to +6.0 101(0.1)	-6.0 to +6.0 61(0.2)

Table 3

Standard Errors Corresponding to Exceedance Frequencies

Exceedence Frequency, P	Standard Error, Δx
0.15	1.255/Q
0.20	1.243/Q
0.30	1.268/Q
0.40	1.337/Q
0.50	1.443/Q
0.60	1.598/Q
0.70	1.835/Q
0.80	2.241/Q
0.85	2.585/Q

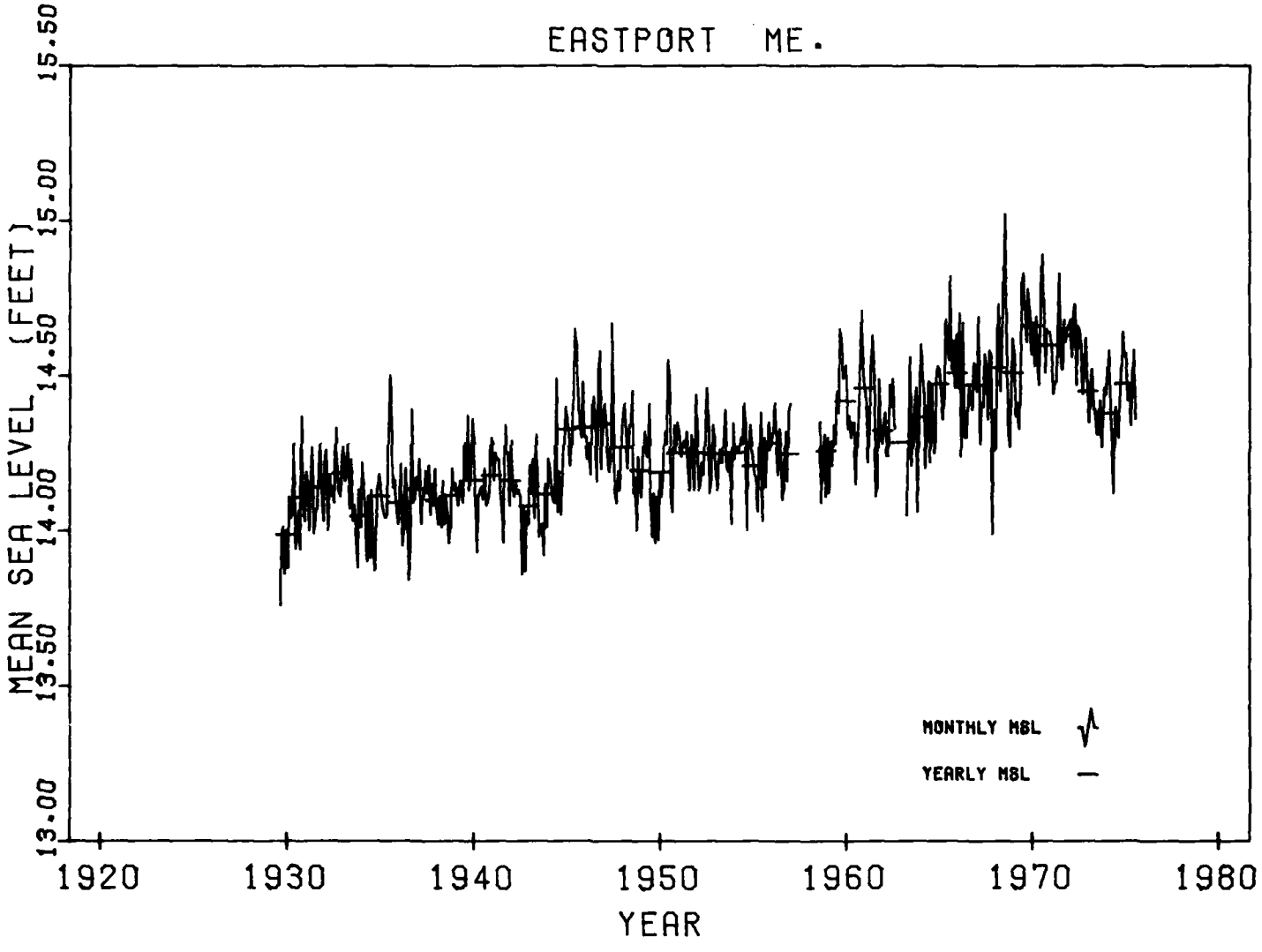
Table 4

Extreme Total Water Levels, Sandy Hook, N. J.

Year	Month	WL	SS	T	T_{max}	T_{min}	SS_{max}	$T_{ss_{max}}$	Duration, hr ≥2.0	≥3.0	≥4.0'	≥6.0'	≥8.0'
1940	Apr	4.7	1.2	3.5	3.5	-3.3	2.4	-3.1	4				
	Oct	4.7	1.3	3.4	3.5	-3.4	1.8	-3.1	0				
	Oct	4.7	0.7	4.0	4.0	-3.4	1.8	-3.1	0				
1941	Jan	4.3	2.1	2.2	2.2	-2.9	2.6	-0.2	3,6				
	Mar	4.3	2.2	2.1	2.1	-2.6	1.4	0.3	5,9				
	May	4.3	0.2	4.1	4.1	-3.4	0.6	-3.3	0				
1942	Mar	4.7	1.9	2.8	2.8	-3.0	3.8	0.2	6,3	3			
1943	Oct	5.4	3.0	2.4	2.4	-2.2	5.0	-1.1	2,21,3	2,8	4		
	Oct	5.4	3.4	2.0	2.4	-2.2	5.0	-1.1	2,21,3	2,8	4		
1944	Nov	5.4	1.9	3.5	3.5	-3.3	2.4	-3.1	7				
1945	Jan	5.2	2.4	2.8	3.0	-3.4	2.5	1.8	5				
1946	Jun	4.6	1.1	3.5	3.5	-2.9	1.1	3.5	0				
1948	Oct	4.7	1.6	3.1	3.3	-2.5	2.0	-2.0	2				
1950	Nov	7.1	4.4	2.7	2.7	-2.4	8.5	-2.0	28	19	12	4	2
1951	Nov	4.8	1.4	3.4	3.4	-2.9	2.1	1.4	1				
1952	Dec	4.5	2.5	2.0	2.0	-2.9	2.8	-2.7	6,20				
1953	Nov	7.5	4.8	2.7	2.8	-2.2	5.3	0.2	23	15	11		
1954	May	4.7	0.8	3.9	3.9	-3.3	1.2	-2.6	0				
1955	Oct	5.8	3.3	2.5	2.7	-2.6	3.7	0.5	17,8,9,18	1,4			
1956	Jan	4.9	2.6	2.3	2.3	-2.5	3.6	-1.2	31,10,4	1,2,4			
1957	Oct	4.7	2.4	2.3	2.5	-2.3	2.4	2.3	4,1,3				
1958	Mar	5.3	2.8	2.5	2.5	-2.7	3.4	-2.7	19	4,4			
1959	Dec	5.3	1.7	3.6	3.6	-3.6	2.3	-3.6	4,4,2				
1961	Apr	6.1	3.4	2.7	3.0	-3.1	4.1	-1.1	13	7	1		
1962	Mar	7.0	3.8	3.2	3.2	-3.7	4.8	-3.7	56,2,2	3,23,10	6,7,5		
1963	Sep	4.6	1.4	3.2	3.2	-2.7	1.7	-2.6	0				
1964	Jan	4.5	2.6	1.9	2.5	-2.7	3.7	-0.9	11,5	9			
1965	Jan	4.8	1.5	3.3	3.4	-3.6	2.3	-3.2	5,4				
1966	Jan	6.6	4.3	2.3	2.3	-2.7	4.5	1.4	18	10	5		
1967	Apr	4.8	1.7	3.1	3.2	-2.7	1.8	1.6	0				

APPENDIX A

MONTHLY AND YEARLY MEAN SEA LEVELS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15.00
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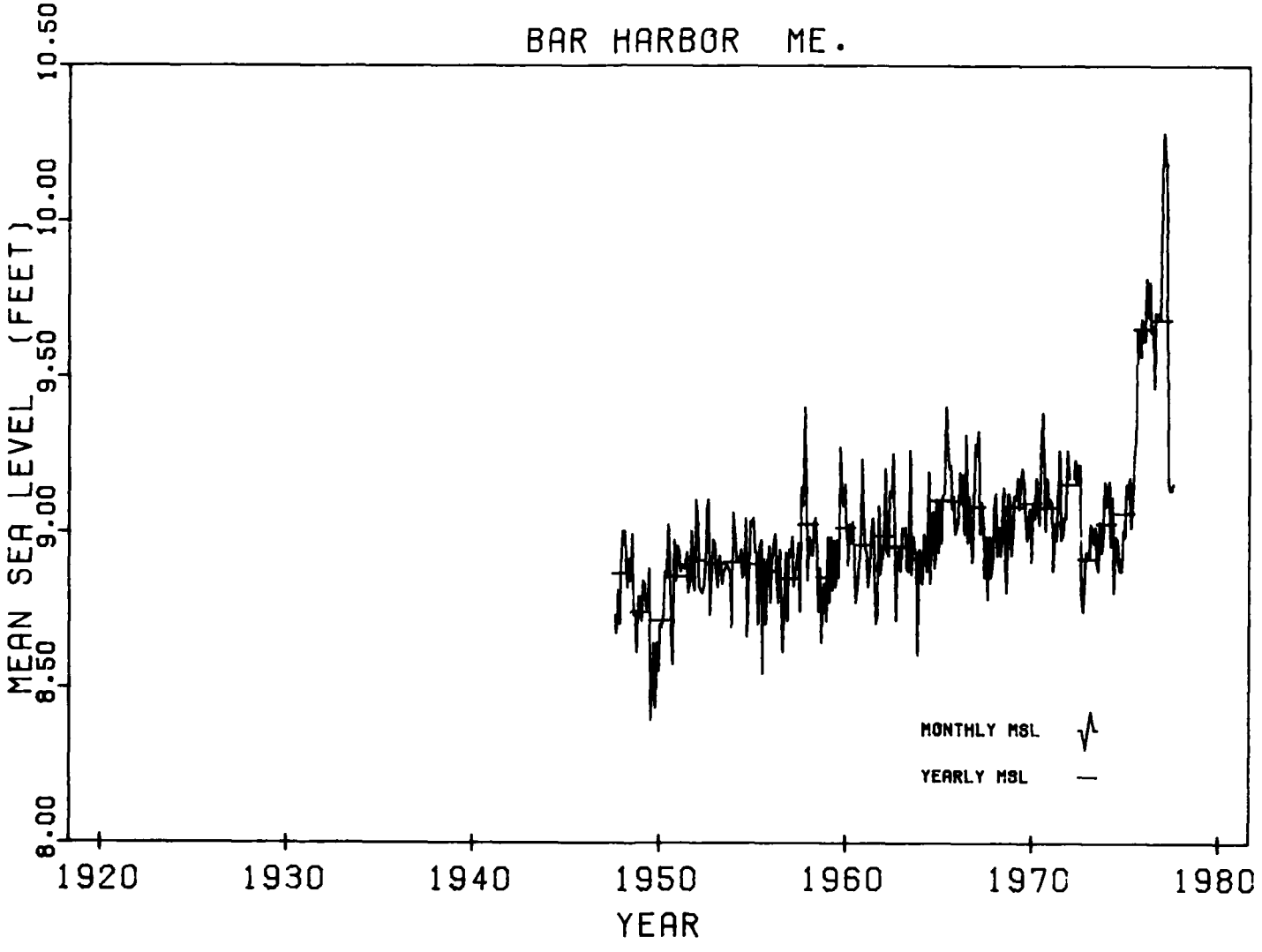
13.50
13.00
1920
1930
1940
1950
1960
1970
1980
YEAR
MONTHLY MSL
YEARLY MSL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MEAN SEA LEVEL (FEET)
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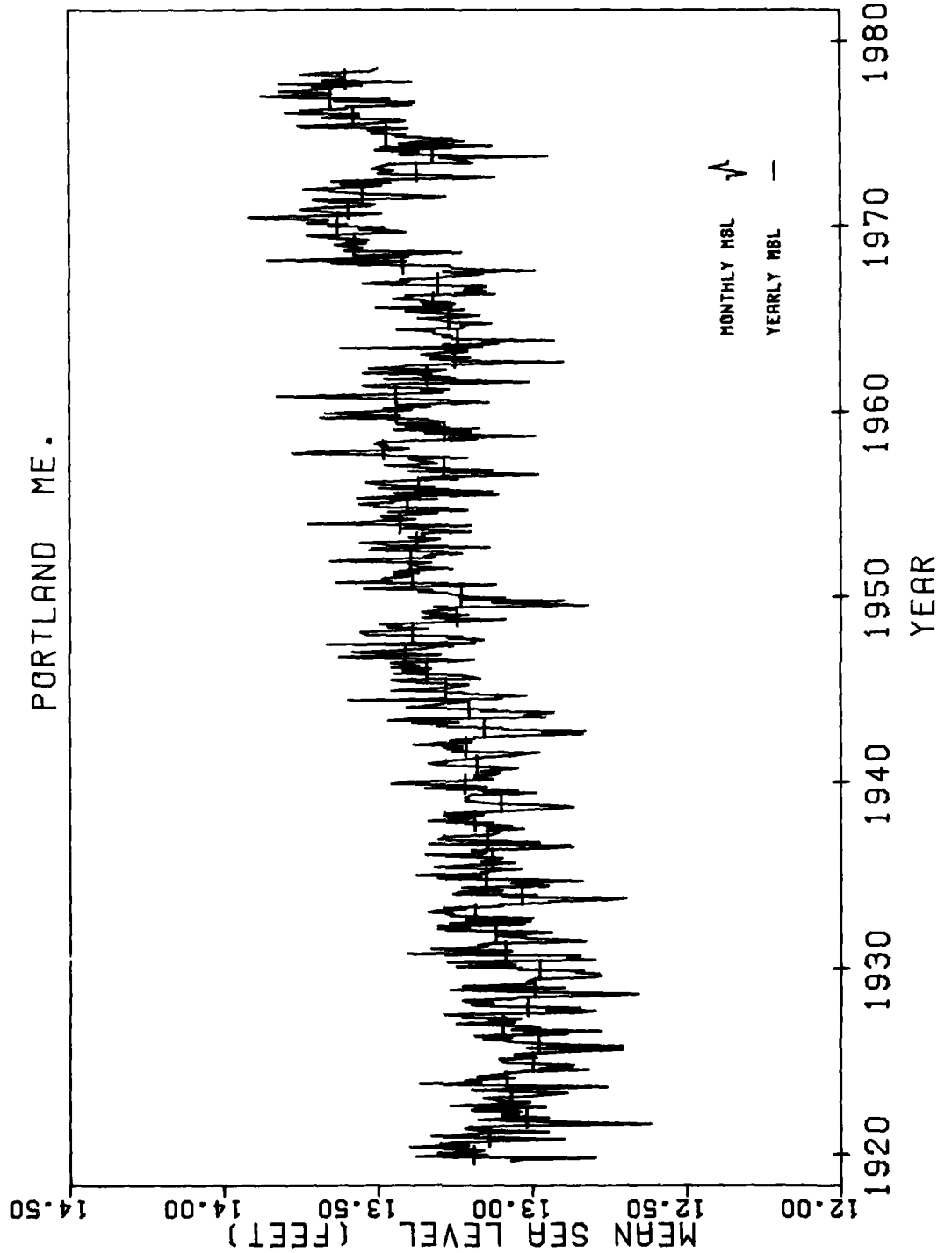
1920
1930
1940
1950
1960
1970
1980
YEAR
MONTHLY MSL
YEARLY MSL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14.50
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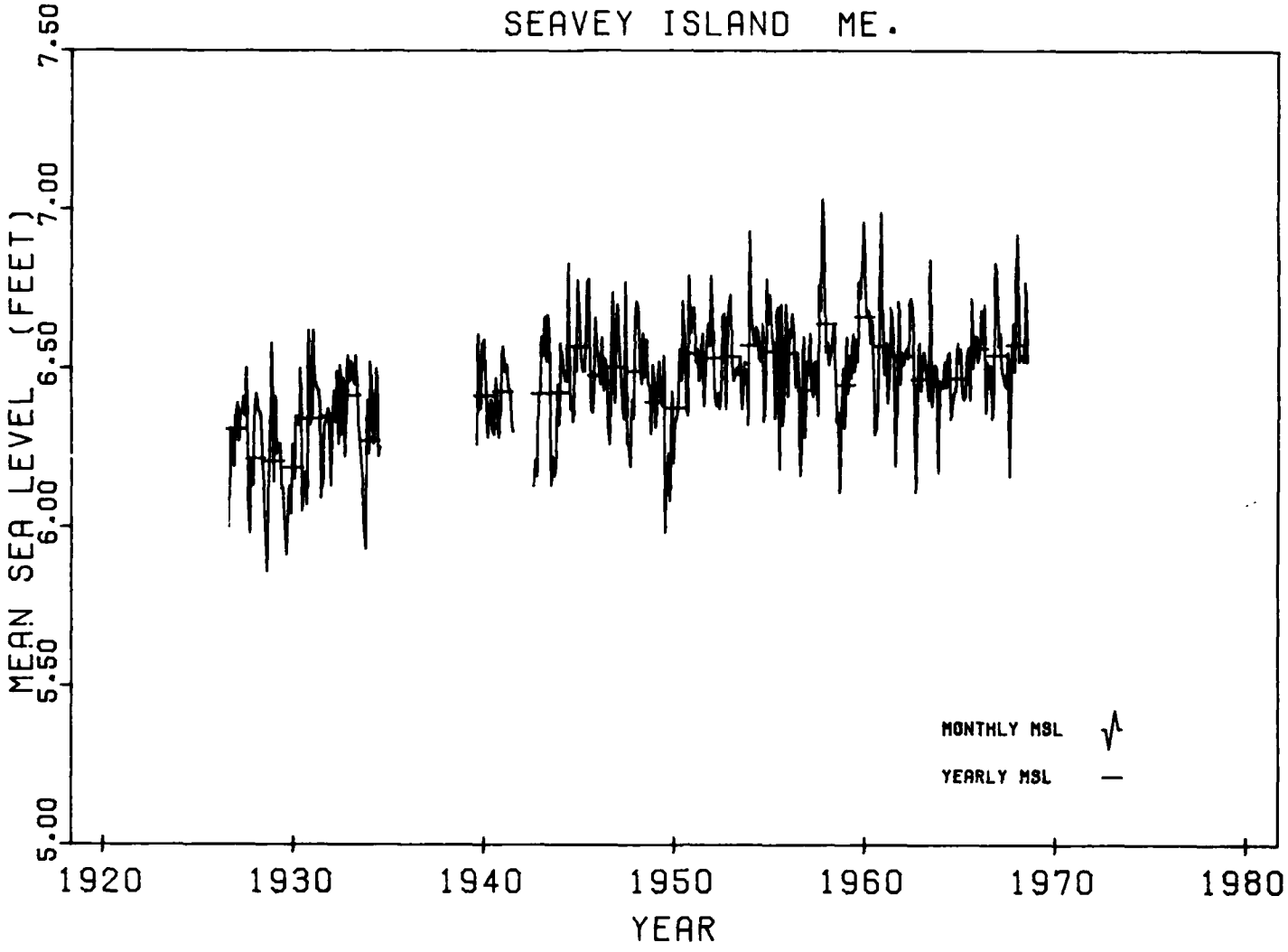
12.00
1920
1930
1940
1950
1960
1970
1980
YEAR
MONTHLY MSL
YEARLY MSL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1930
1940
1950
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1970
1980
YEAR
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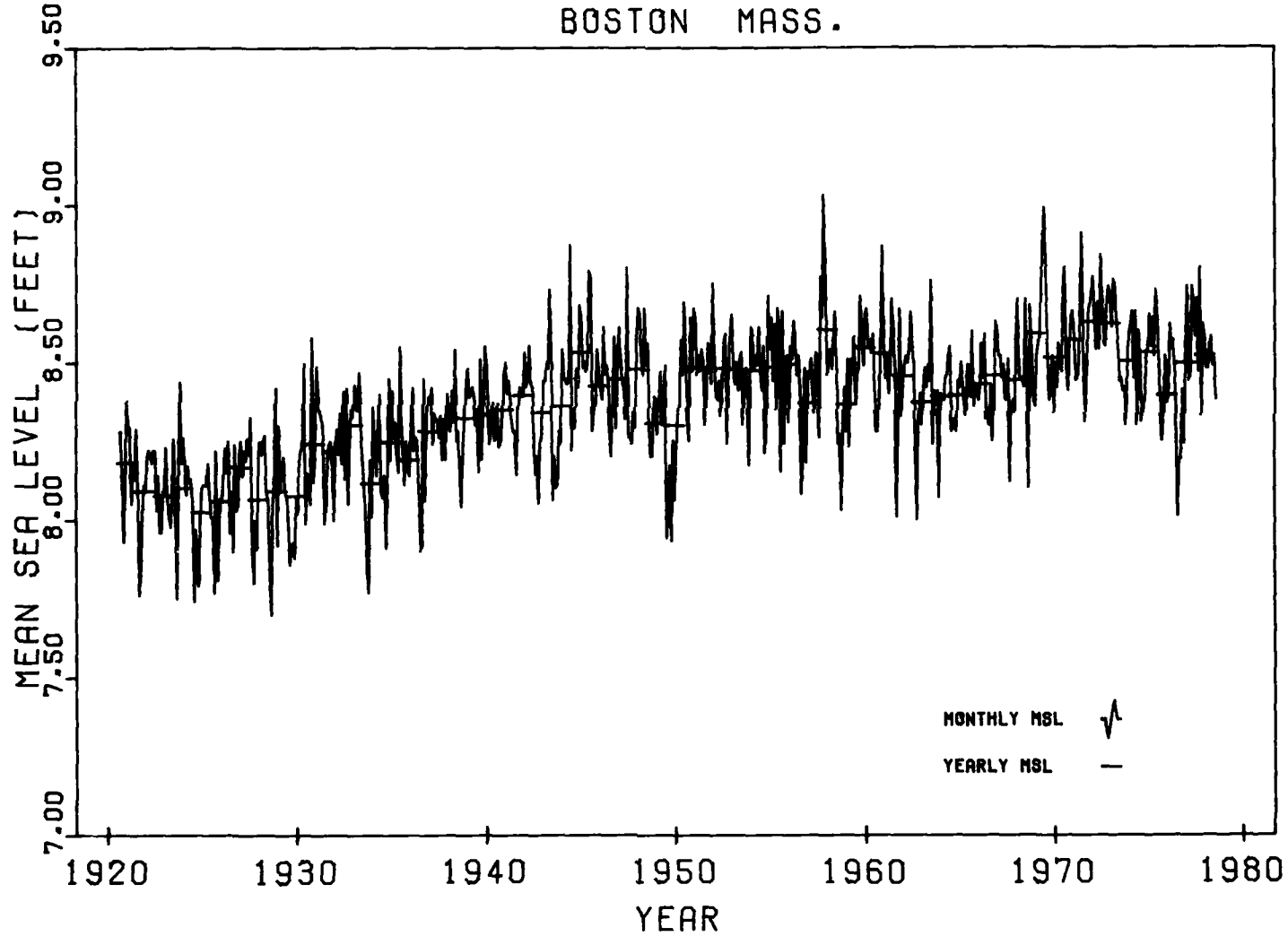
YEARLY MSL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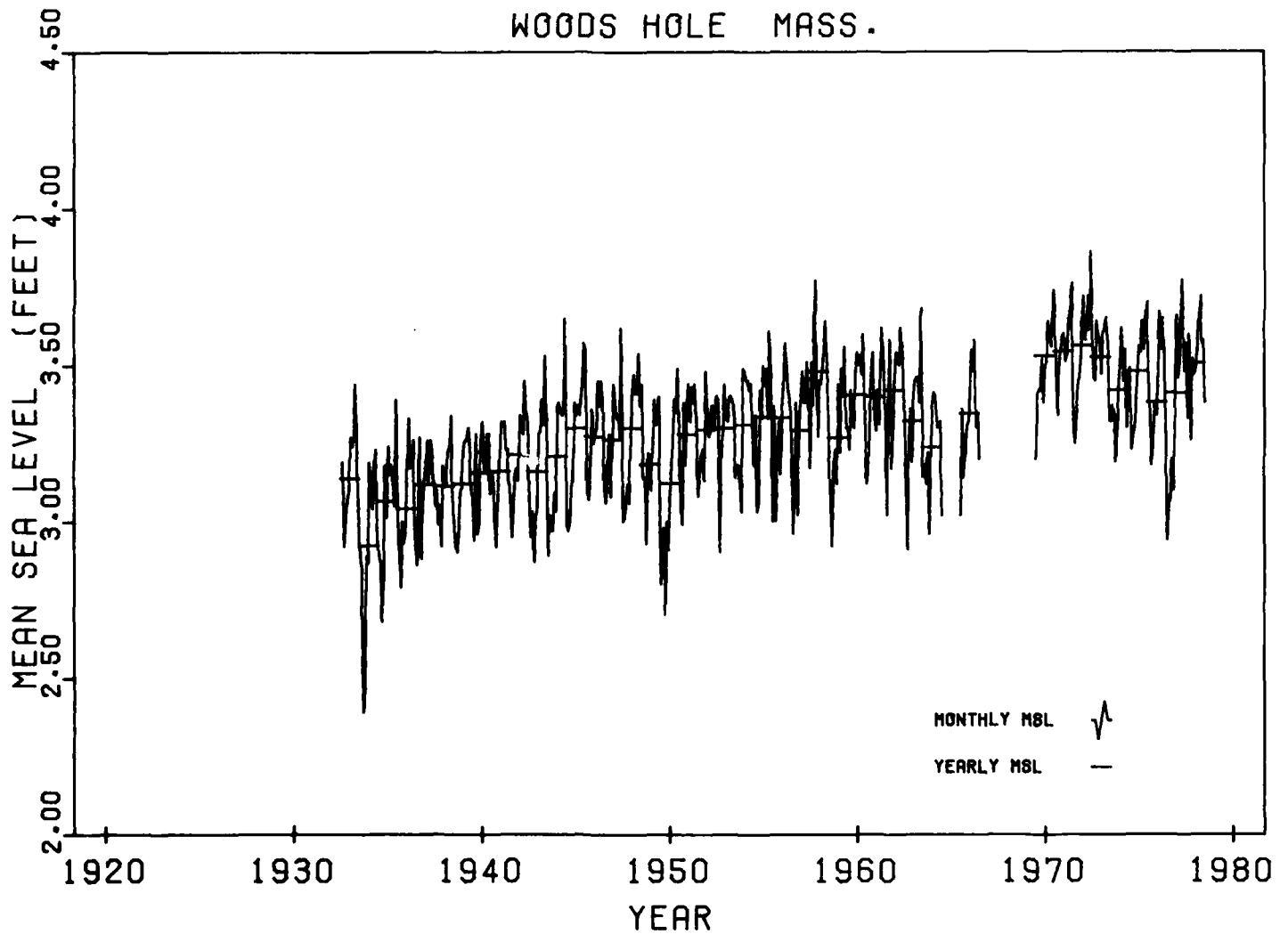
YEARLY MSL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1980
YEAR
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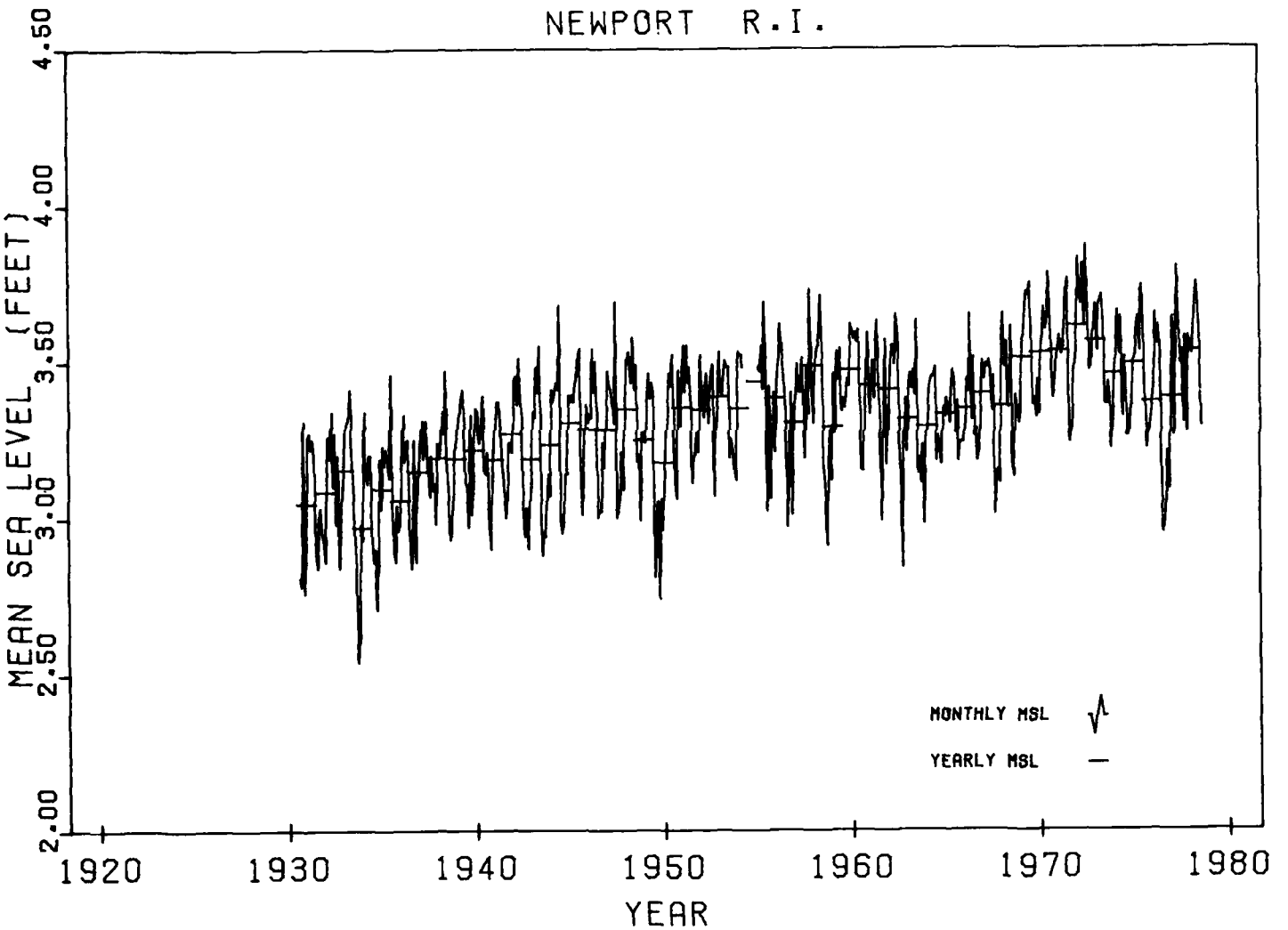
YEARLY MSL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2.50
2.00
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1930
1940
1950
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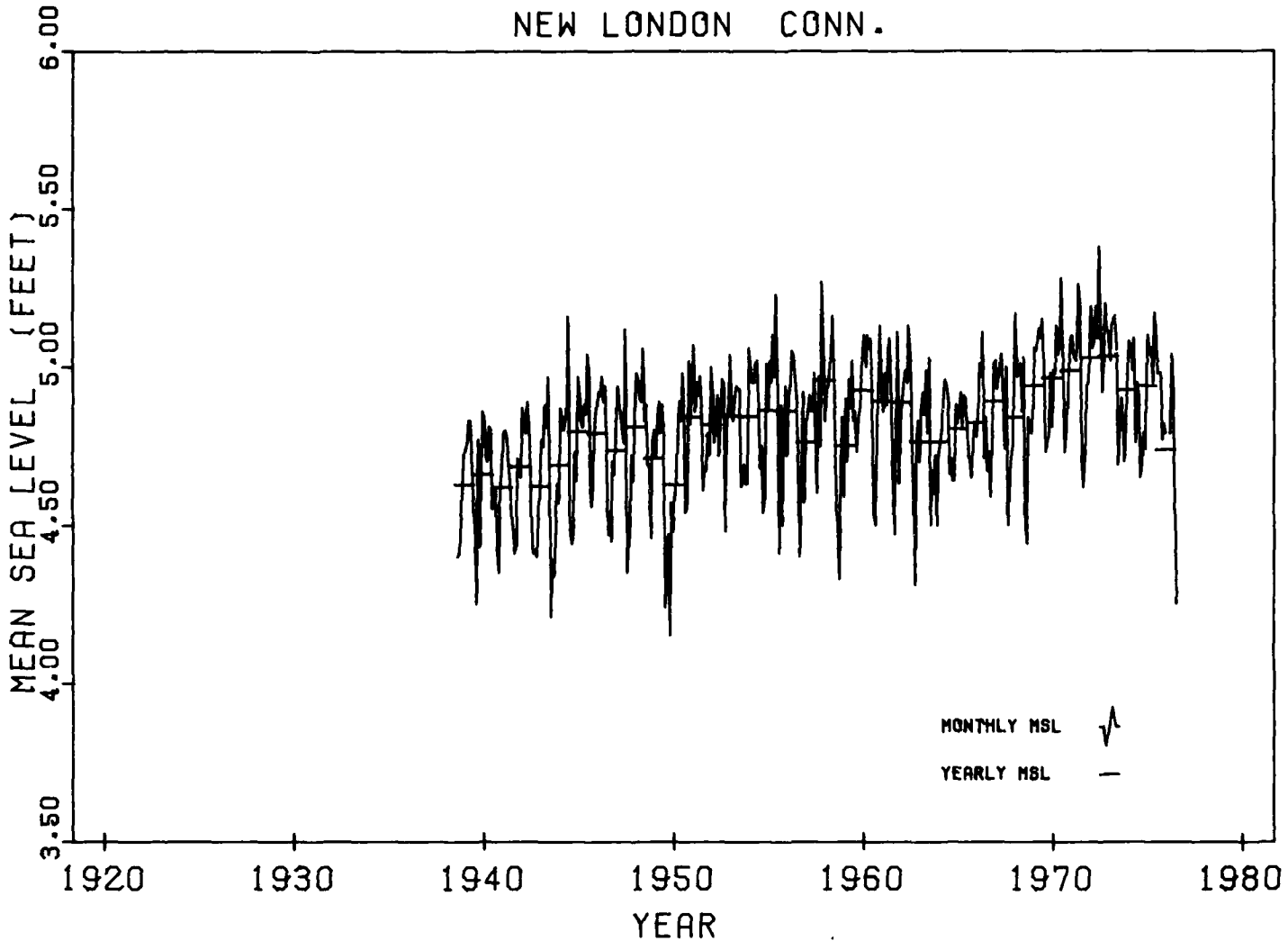
1970
1980
YEAR
MONTHLY MSL
YEARLY MSL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4.00
3.50
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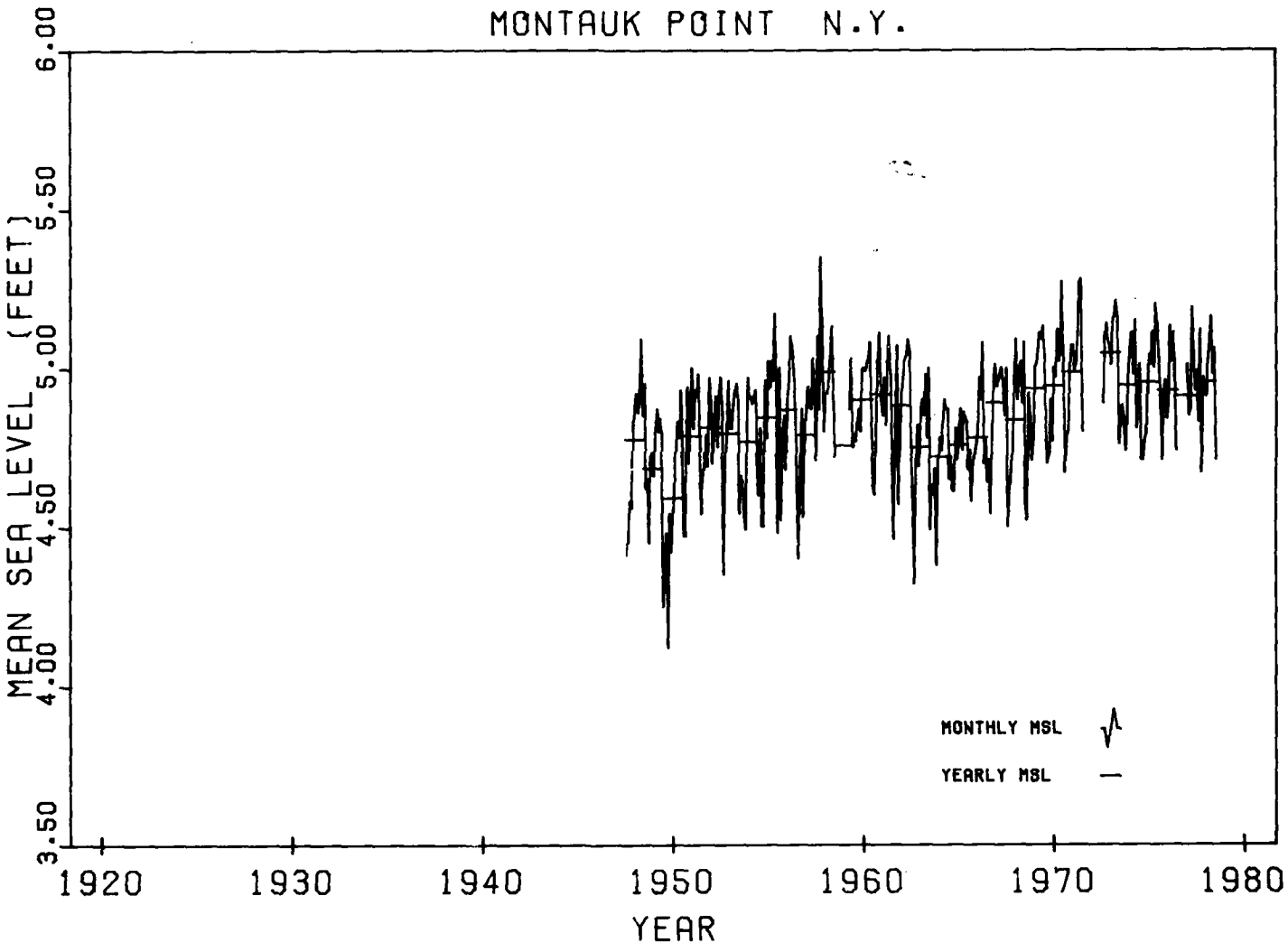
1930
1940
1950
1960
1970
1980
YEAR
MONTHLY MSL
YEARLY MSL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1970
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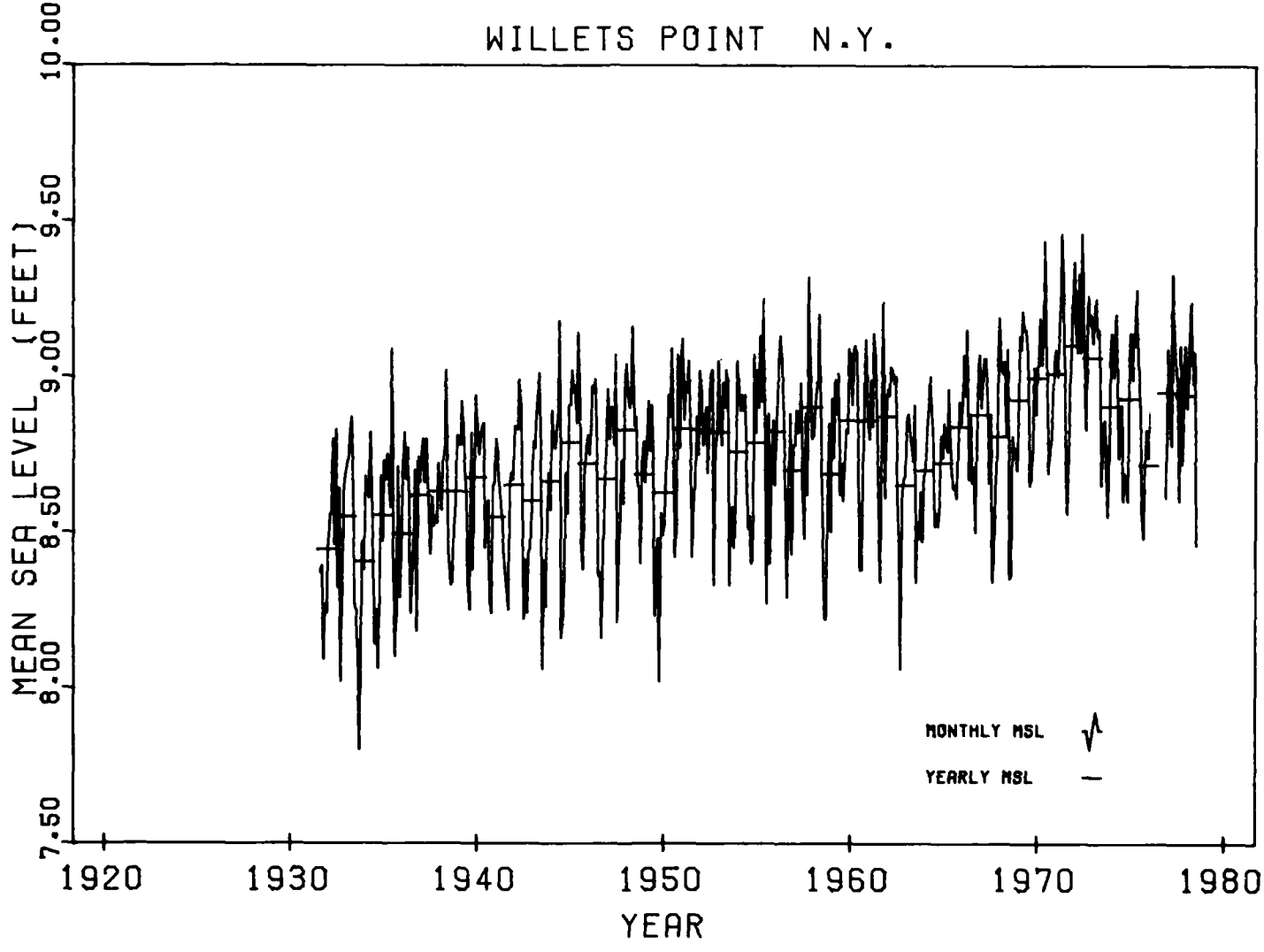
YEAR
MONTHLY MSL
YEARLY MSL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8.00
7.50
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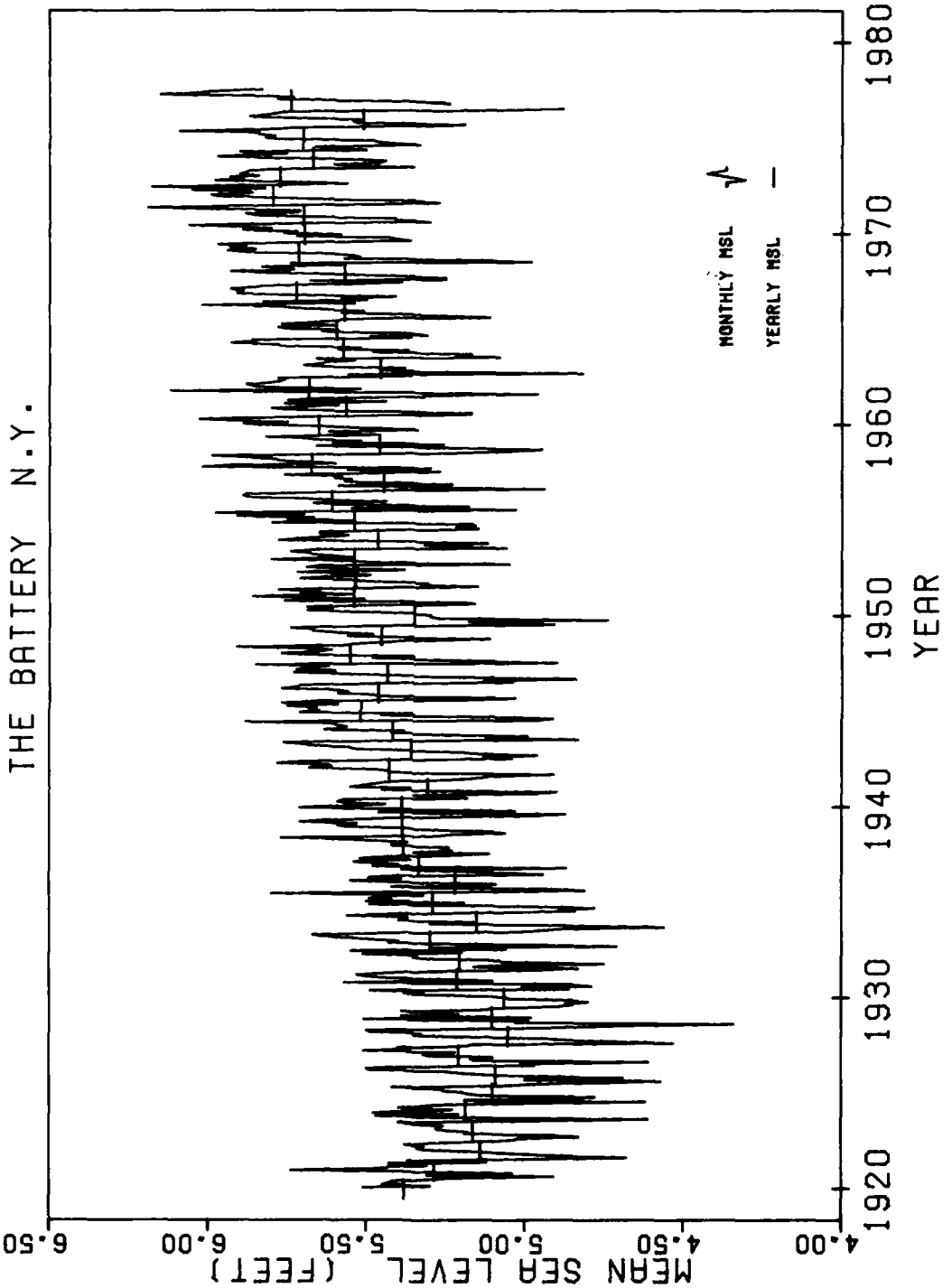
1930
1940
1950
1960
1970
1980
YEAR
MONTHLY MSL
YEARLY MSL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4.50
4.00
1920
1930
1940
1950
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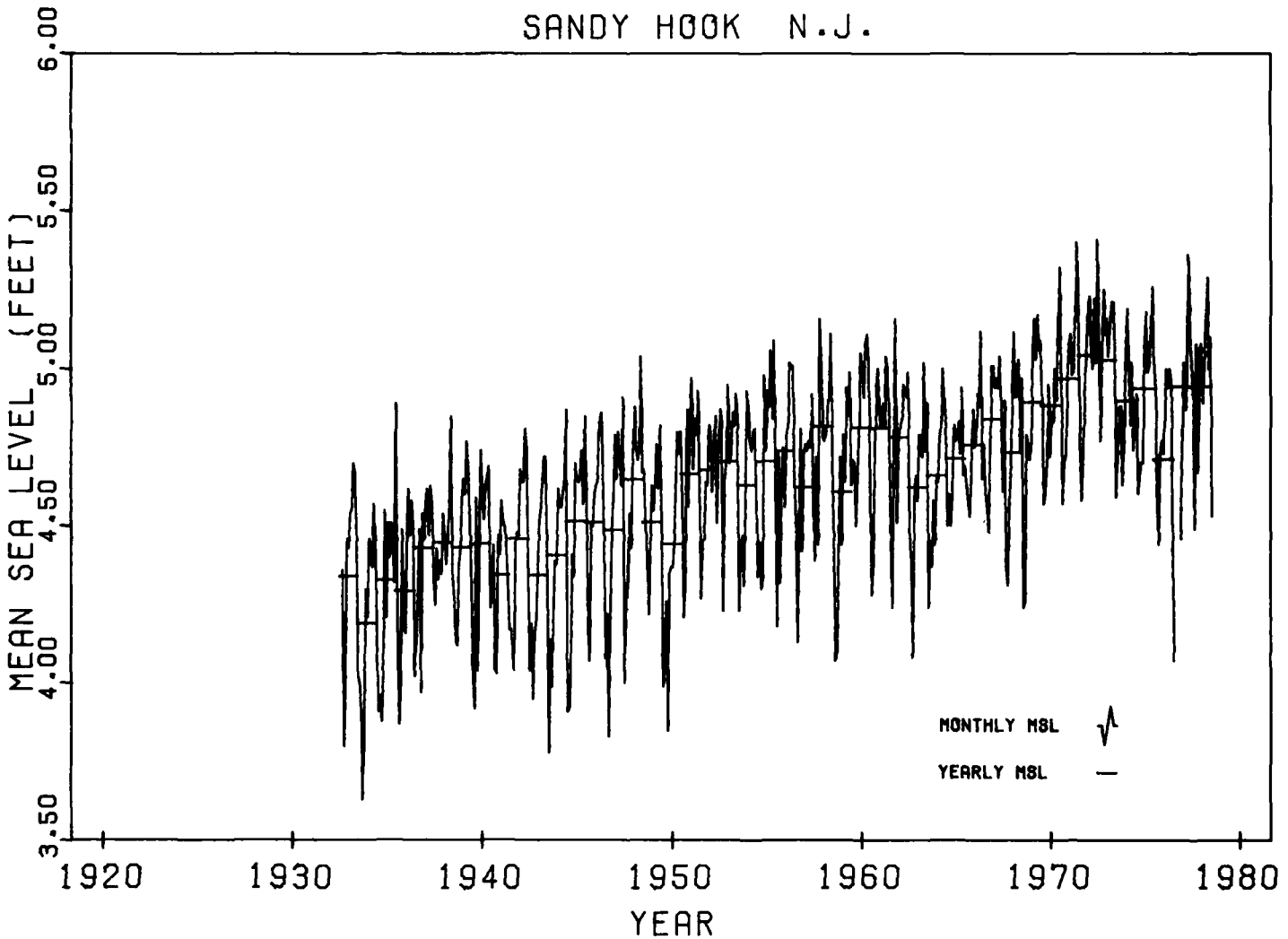
1970
1980
YEAR
MONTHLY MSL
YEARLY MSL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1970
1980
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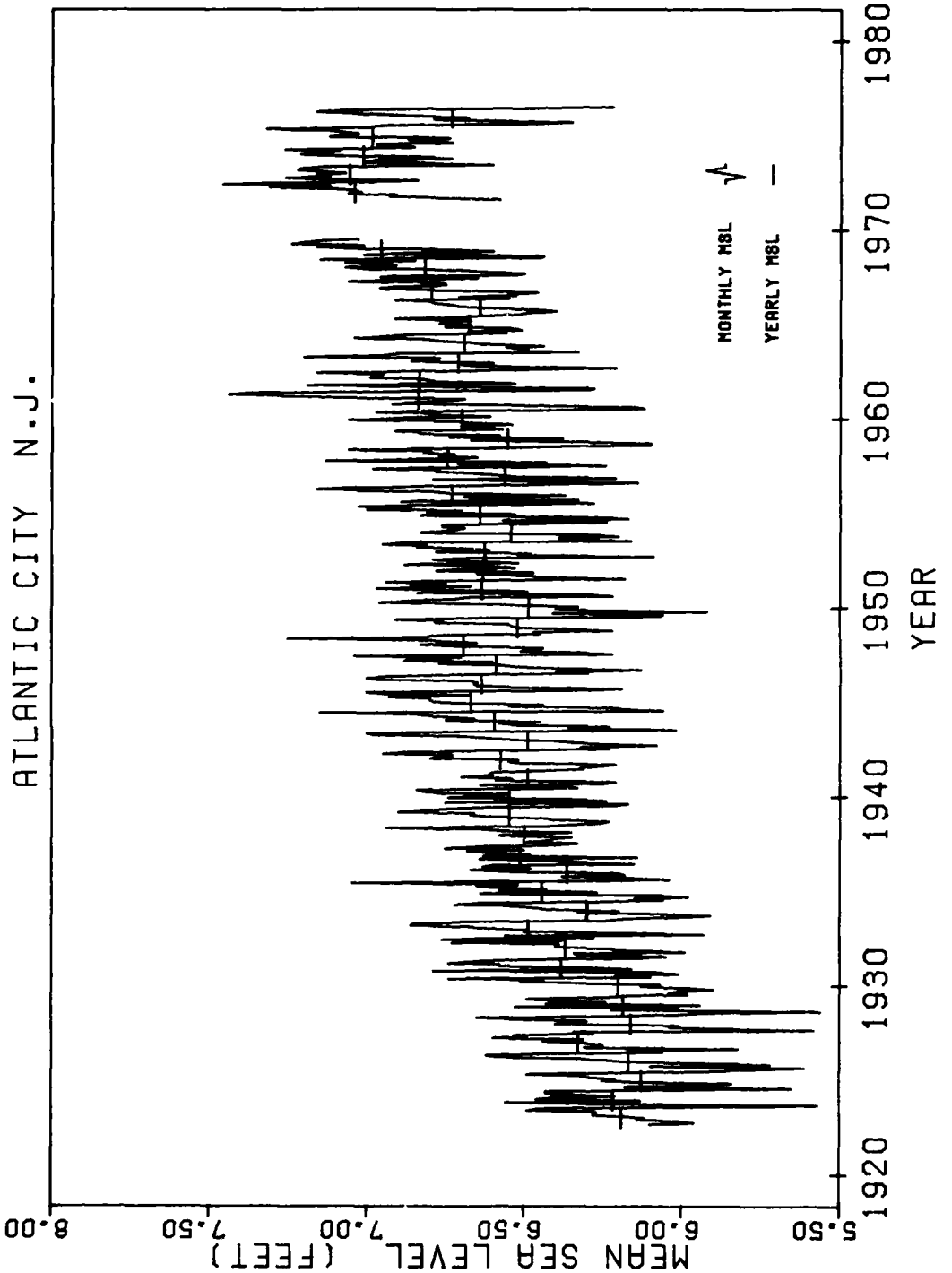
YEARLY MSL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MEAN SEA LEVEL (FEET)
5.50
6.00
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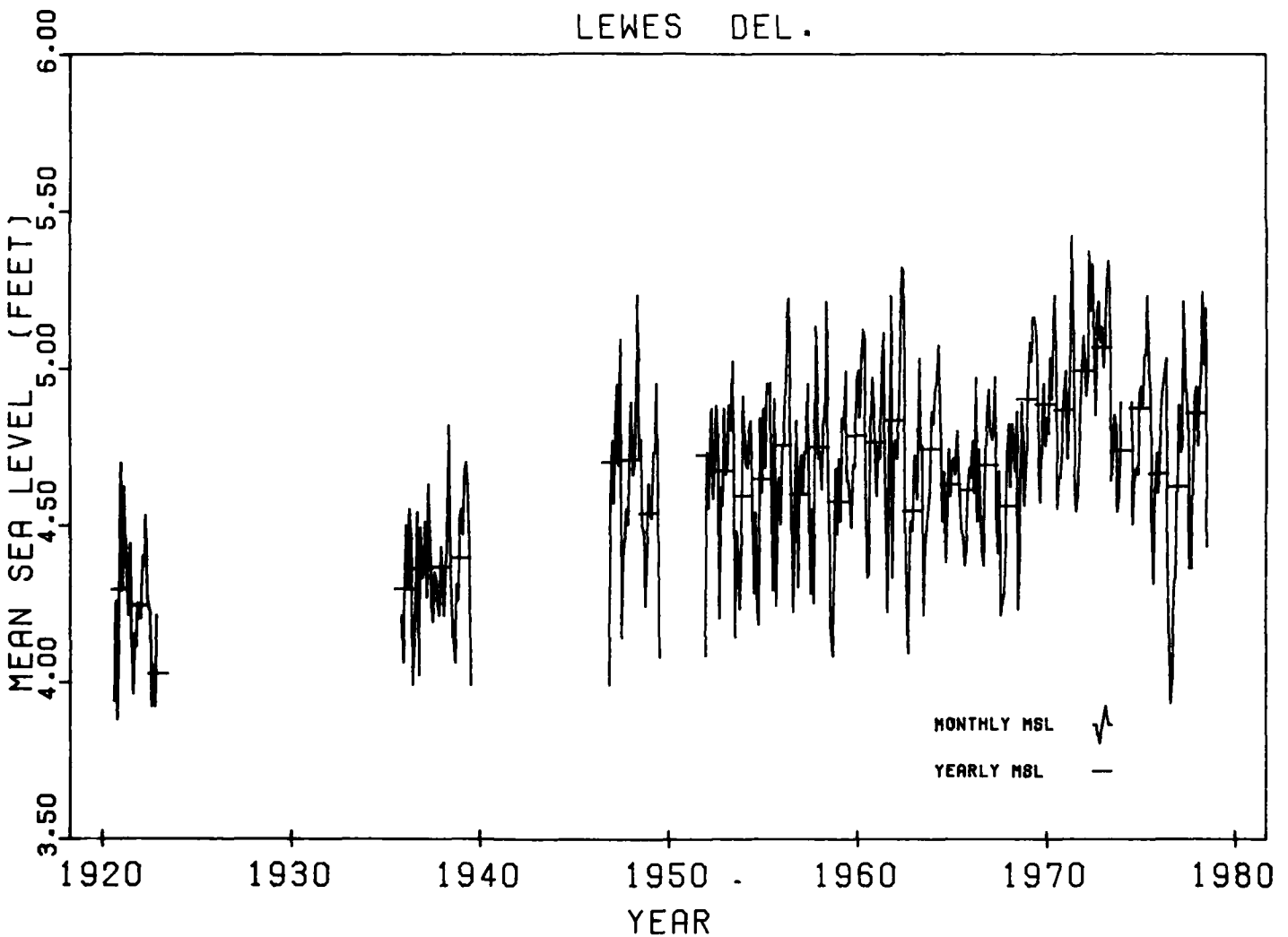
7.50
8.00
1920
1930
1940
1950
1960
1970
1980
YEAR
MONTHLY MSL
YEARLY MSL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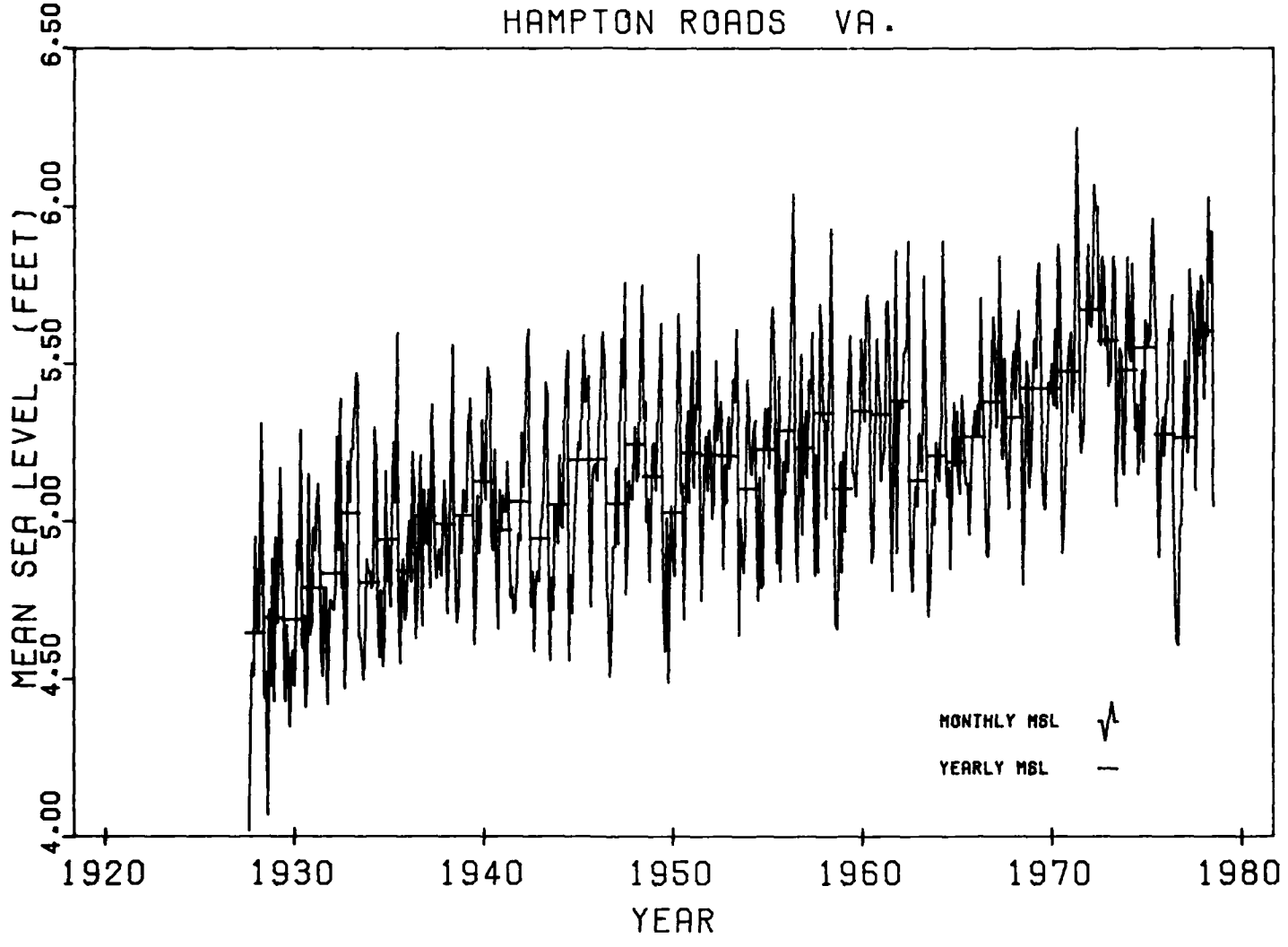
1970
1980
YEAR
MONTHLY MSL
YEARLY MSL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1970
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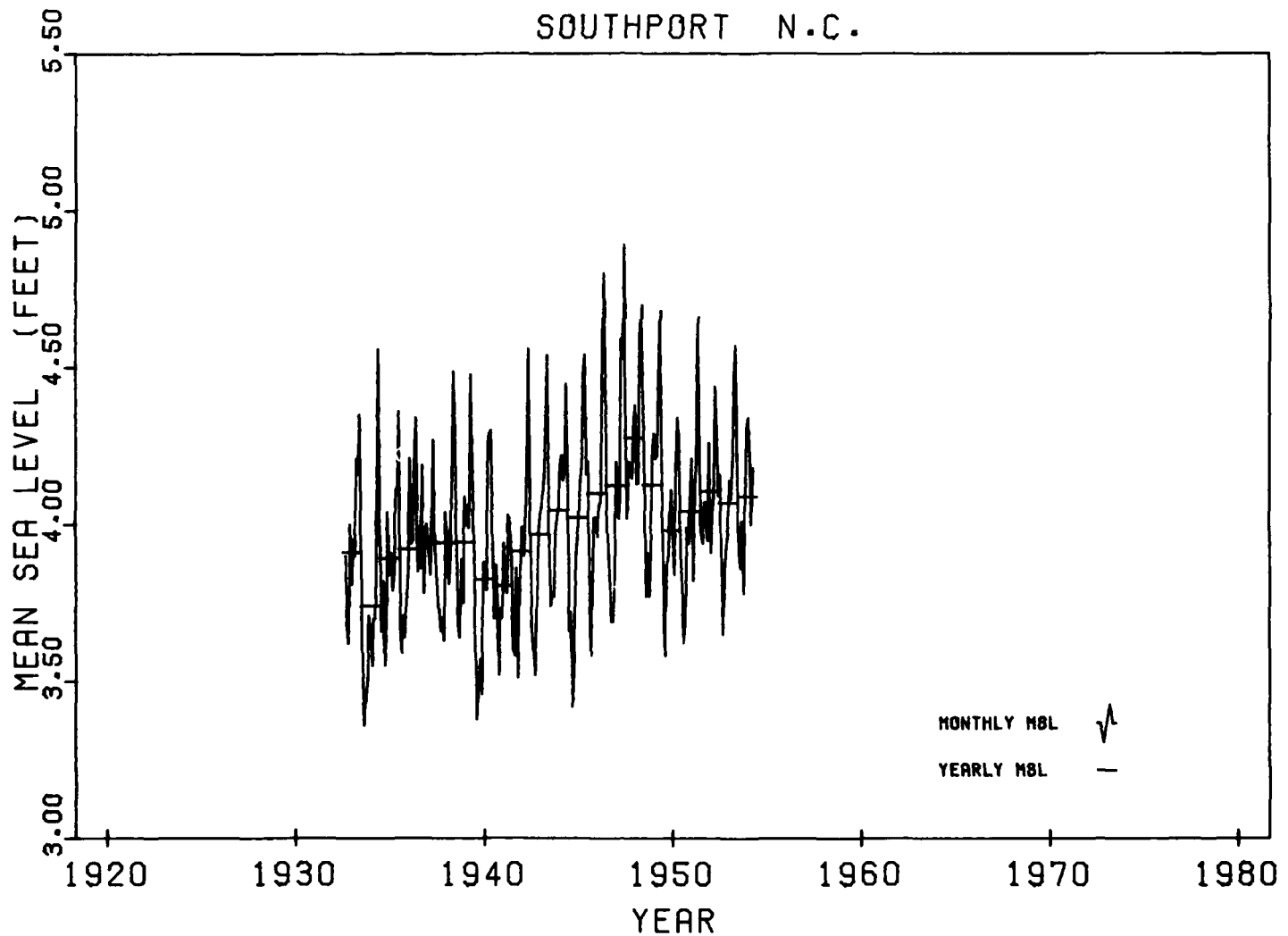
YEAR
MONTHLY MSL
YEARLY MSL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MEAN SEA LEVEL (FEET)
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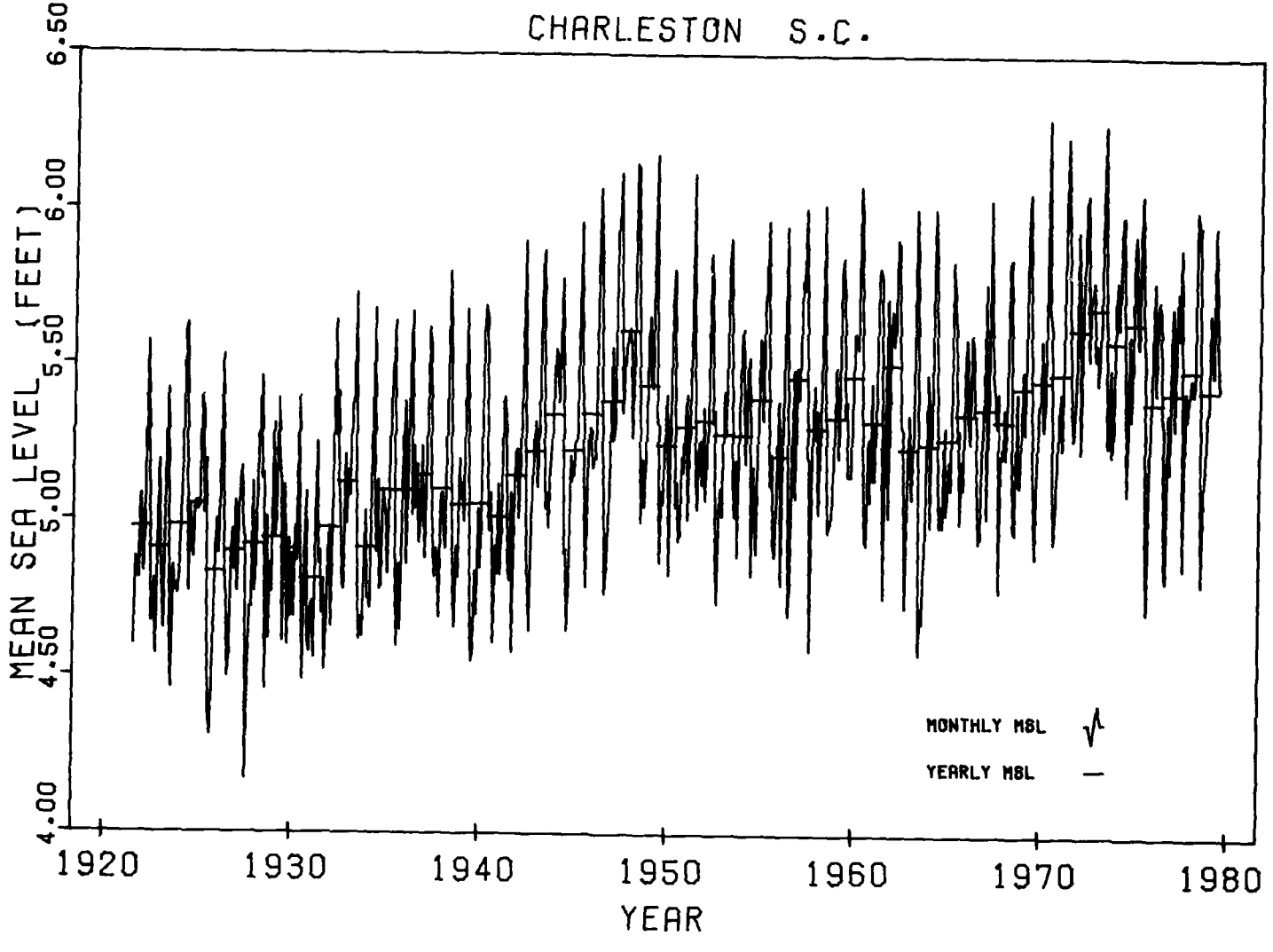
1970
1980
YEAR
MONTHLY MSL
YEARLY MSL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MEAN SEA LEVEL (FEET)
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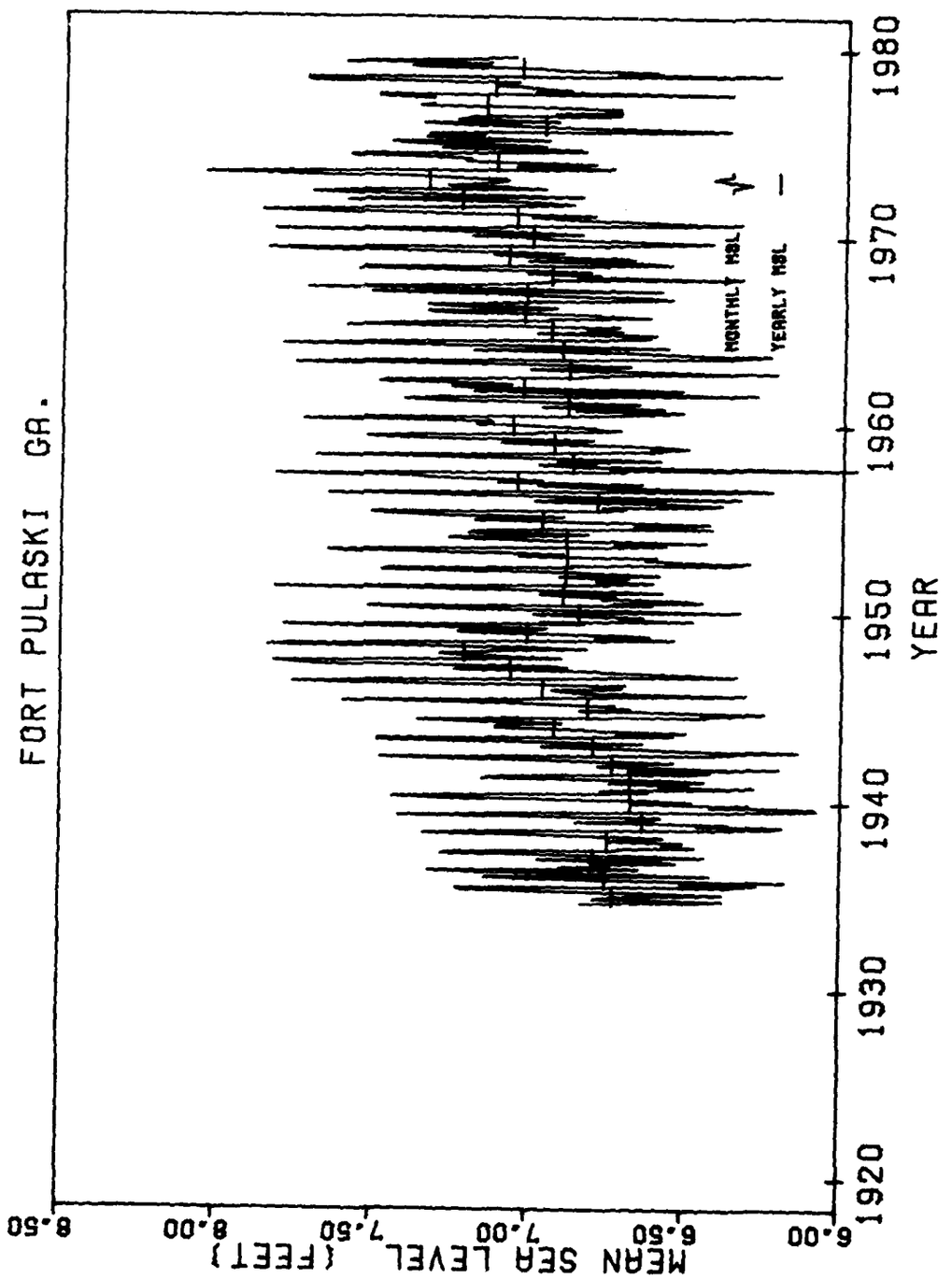
1920
1930
1940
1950
1960
1970
1980
YEAR
MONTHLY MSL
YEARLY MSL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1940
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1970
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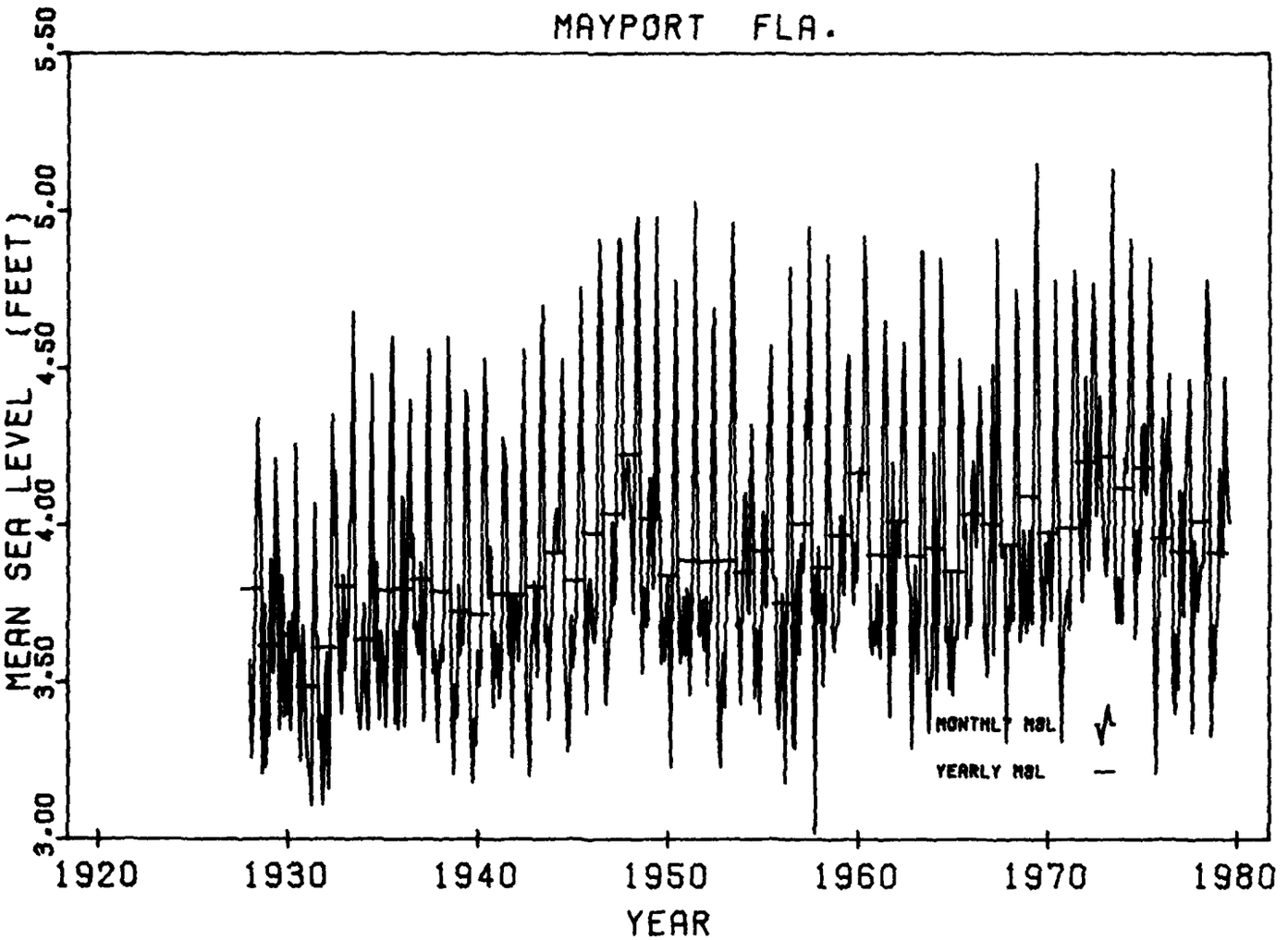
YEARLY MSL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YEAR
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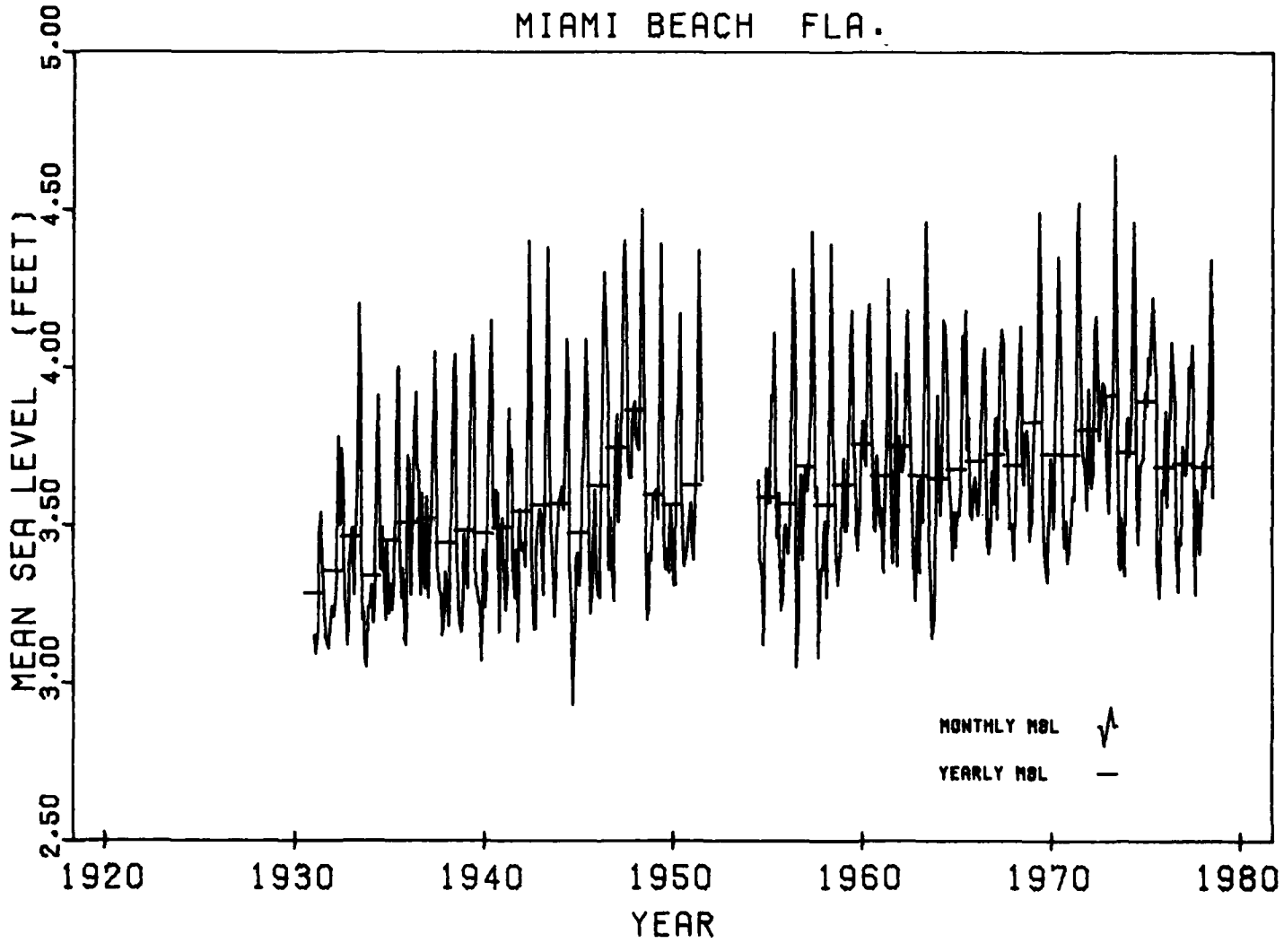
YEARLY MSL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MEAN SEA LEVEL (FEET)
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3.00
2.50
1920
1930
1940
1950
1960
1970
1980
YEAR
MONTHLY MSL
YEARLY MSL

APPENDIX B

PROBABILITY DENSITY AND CUMULATIVE DISTRIBUTION STATISTICS

EASTPORT ME.

YEARLY STATISTICS

ASTRONOMICAL TIDE				STORM SURGE				TOTAL WATER LEVEL			
MEAN-0.00		STND DEV 6.34		MEAN 0.02		STND DEV 0.41		MEAN 0.02		STND DEV 6.35	
I	X	P(X)	F(X)	I	X	P(X)	F(X)	I	X	P(X)	F(X)
1	-16.00	0.	0.	1	-4.00	0.	0.	1	-16.00	0.	0.
2	-15.60	0.	0.	2	-3.90	0.	0.	2	-15.60	0.	0.
3	-15.20	0.	0.	3	-3.80	0.	0.	3	-15.20	0.	0.
4	-14.80	0.	0.	4	-3.70	0.	0.	4	-14.80	0.	0.
5	-14.40	0.	0.	5	-3.60	0.	0.	5	-14.40	0.	0.
6	-14.00	0.	0.	6	-3.50	0.	0.	6	-14.00	0.0000	0.0000
7	-13.60	0.	0.	7	-3.40	0.	0.	7	-13.60	0.0000	0.0000
8	-13.20	0.0000	0.0000	8	-3.30	0.	0.	8	-13.20	0.0002	0.0003
9	-12.80	0.0004	0.0004	9	-3.20	0.	0.	9	-12.80	0.0008	0.0010
10	-12.40	0.0012	0.0015	10	-3.10	0.	0.	10	-12.40	0.0015	0.0025
11	-12.00	0.0023	0.0038	11	-3.00	0.	0.	11	-12.00	0.0023	0.0048
12	-11.60	0.0034	0.0072	12	-2.90	0.	0.	12	-11.60	0.0036	0.0085
13	-11.20	0.0047	0.0119	13	-2.80	0.0000	0.0000	13	-11.20	0.0049	0.0134
14	-10.80	0.0063	0.0182	14	-2.70	0.	0.0000	14	-10.80	0.0065	0.0199
15	-10.40	0.0076	0.0258	15	-2.60	0.	0.0000	15	-10.40	0.0077	0.0276
16	-10.00	0.0099	0.0357	16	-2.50	0.	0.0000	16	-10.00	0.0102	0.0378
17	-9.60	0.0129	0.0486	17	-2.40	0.	0.0000	17	-9.60	0.0138	0.0516
18	-9.20	0.0174	0.0660	18	-2.30	0.	0.0000	18	-9.20	0.0164	0.0680
19	-8.80	0.0209	0.0869	19	-2.20	0.0000	0.0000	19	-8.80	0.0203	0.0883
20	-8.40	0.0226	0.1094	20	-2.10	0.0001	0.0001	20	-8.40	0.0219	0.1100
21	-8.00	0.0244	0.1339	21	-2.00	0.0001	0.0002	21	-8.00	0.0231	0.1331
22	-7.60	0.0262	0.1600	22	-1.90	0.0001	0.0003	22	-7.60	0.0243	0.1575
23	-7.20	0.0251	0.1851	23	-1.80	0.0002	0.0004	23	-7.20	0.0249	0.1824
24	-6.80	0.0260	0.2111	24	-1.70	0.0002	0.0006	24	-6.80	0.0245	0.2069
25	-6.40	0.0233	0.2344	25	-1.60	0.0003	0.0009	25	-6.40	0.0229	0.2298
26	-6.00	0.0217	0.2560	26	-1.50	0.0004	0.0013	26	-6.00	0.0211	0.2508
27	-5.60	0.0196	0.2757	27	-1.40	0.0008	0.0021	27	-5.60	0.0206	0.2714
28	-5.20	0.0191	0.2948	28	-1.30	0.0009	0.0030	28	-5.20	0.0188	0.2902
29	-4.80	0.0180	0.3128	29	-1.20	0.0016	0.0046	29	-4.80	0.0163	0.3065
30	-4.40	0.0172	0.3300	30	-1.10	0.0022	0.0069	30	-4.40	0.0175	0.3259
31	-4.00	0.0169	0.3469	31	-1.00	0.0042	0.0111	31	-4.00	0.0179	0.3439
32	-3.60	0.0170	0.3639	32	-0.90	0.0066	0.0176	32	-3.60	0.0163	0.3602
33	-3.20	0.0162	0.3801	33	-0.80	0.0103	0.0279	33	-3.20	0.0170	0.3771
34	-2.80	0.0160	0.3961	34	-0.70	0.0164	0.0443	34	-2.80	0.0160	0.3931
35	-2.40	0.0156	0.4116	35	-0.60	0.0258	0.0701	35	-2.40	0.0165	0.4095
36	-2.00	0.0160	0.4276	36	-0.50	0.0379	0.1080	36	-2.00	0.0160	0.4255
37	-1.60	0.0154	0.4431	37	-0.40	0.0547	0.1627	37	-1.60	0.0159	0.4414
38	-1.20	0.0154	0.4584	38	-0.30	0.0736	0.2363	38	-1.20	0.0157	0.4571
39	-0.80	0.0157	0.4741	39	-0.20	0.0914	0.3277	39	-0.80	0.0163	0.4733
40	-0.40	0.0154	0.4895	40	-0.10	0.1030	0.4307	40	-0.40	0.0159	0.4892
41	0.	0.0157	0.5052	41	0.	0.1112	0.5419	41	0.	0.0159	0.5051
42	0.40	0.0156	0.5208	42	0.10	0.1061	0.6480	42	0.40	0.0161	0.5212
43	0.80	0.0158	0.5366	43	0.20	0.0938	0.7418	43	0.80	0.0166	0.5378
44	1.20	0.0157	0.5522	44	0.30	0.0757	0.8175	44	1.20	0.0155	0.5533
45	1.60	0.0153	0.5675	45	0.40	0.0566	0.8742	45	1.60	0.0161	0.5694
46	2.00	0.0163	0.5838	46	0.50	0.0412	0.9154	46	2.00	0.0163	0.5857
47	2.40	0.0162	0.6000	47	0.60	0.0277	0.9431	47	2.40	0.0161	0.6018
48	2.80	0.0166	0.6166	48	0.70	0.0187	0.9618	48	2.80	0.0166	0.6183
49	3.20	0.0163	0.6329	49	0.80	0.0124	0.9742	49	3.20	0.0165	0.6348
50	3.60	0.0168	0.6497	50	0.90	0.0082	0.9824	50	3.60	0.0170	0.6518
51	4.00	0.0176	0.6672	51	1.00	0.0055	0.9879	51	4.00	0.0172	0.6690
52	4.40	0.0183	0.6855	52	1.10	0.0038	0.9916	52	4.40	0.0183	0.6873
53	4.80	0.0186	0.7041	53	1.20	0.0026	0.9942	53	4.80	0.0191	0.7064
54	5.20	0.0199	0.7240	54	1.30	0.0019	0.9961	54	5.20	0.0196	0.7259
55	5.60	0.0205	0.7444	55	1.40	0.0014	0.9974	55	5.60	0.0213	0.7473
56	6.00	0.0234	0.7678	56	1.50	0.0008	0.9983	56	6.00	0.0227	0.7699
57	6.40	0.0249	0.7926	57	1.60	0.0006	0.9989	57	6.40	0.0242	0.7942
58	6.80	0.0261	0.8188	58	1.70	0.0004	0.9993	58	6.80	0.0252	0.8194
59	7.20	0.0265	0.8453	59	1.80	0.0003	0.9996	59	7.20	0.0249	0.8443
60	7.60	0.0263	0.8716	60	1.90	0.0002	0.9997	60	7.60	0.0248	0.8691
61	8.00	0.0246	0.8962	61	2.00	0.0001	0.9998	61	8.00	0.0236	0.8927
62	8.40	0.0225	0.9187	62	2.10	0.0001	0.9999	62	8.40	0.0220	0.9146
63	8.80	0.0203	0.9389	63	2.20	0.0001	0.9999	63	8.80	0.0194	0.9340
64	9.20	0.0159	0.9548	64	2.30	0.0000	1.0000	64	9.20	0.0162	0.9501
65	9.60	0.0119	0.9667	65	2.40	0.0000	1.0000	65	9.60	0.0131	0.9632
66	10.00	0.0093	0.9760	66	2.50	0.0000	1.0000	66	10.00	0.0099	0.9730
67	10.40	0.0075	0.9836	67	2.60	0.	1.0000	67	10.40	0.0082	0.9813
68	10.80	0.0058	0.9893	68	2.70	0.	1.0000	68	10.80	0.0057	0.9870
69	11.20	0.0044	0.9937	69	2.80	0.	1.0000	69	11.20	0.0048	0.9918
70	11.60	0.0030	0.9967	70	2.90	0.	1.0000	70	11.60	0.0033	0.9951
71	12.00	0.0022	0.9989	71	3.00	0.	1.0000	71	12.00	0.0025	0.9976
72	12.40	0.0009	0.9998	72	3.10	0.	1.0000	72	12.40	0.0015	0.9990
73	12.80	0.0002	1.0000	73	3.20	0.	1.0000	73	12.80	0.0007	0.9998
74	13.20	0.	1.0000	74	3.30	0.	1.0000	74	13.20	0.0002	1.0000
75	13.60	0.	1.0000	75	3.40	0.	1.0000	75	13.60	0.	1.0000
76	14.00	0.	1.0000	76	3.50	0.	1.0000	76	14.00	0.0000	1.0000
77	14.40	0.	1.0000	77	3.60	0.	1.0000	77	14.40	0.0000	1.0000
78	14.80	0.	1.0000	78	3.70	0.	1.0000	78	14.80	0.	1.0000
79	15.20	0.	1.0000	79	3.80	0.	1.0000	79	15.20	0.	1.0000
80	15.60	0.	1.0000	80	3.90	0.	1.0000	80	15.60	0.	1.0000
81	16.00	0.	1.0000	81	4.00	0.	1.0000	81	16.00	0.	1.0000

I - INTERVAL NUMBER X - INTERVAL CENTER VALUE

P(X) - PROBABILITY MASS FUNCTION F(X) - CUMULATIVE DISTRIBUTION FUNCTION

EASTPORT ME.

STATISTICS FOR JANUARY

ASTRONOMICAL TIDE				STOPM SUPGE				TOTAL WATER LEVEL			
MEAN 0.00		STND DEV 6.32		MEAN-0.03		STND DEV 0.52		MEAN-0.03		STND DEV 6.34	
I	X	P(X)	F(X)	I	X	P(X)	F(X)	I	X	P(X)	F(X)
1	-16.00	0.	0.	1	-4.00	0.	0.	1	-16.00	0.	0.
2	-15.60	0.	0.	2	-3.90	0.	0.	2	-15.60	0.	0.
3	-15.20	0.	0.	3	-3.80	0.	0.	3	-15.20	0.	0.
4	-14.80	0.	0.	4	-3.70	0.	0.	4	-14.80	0.	0.
5	-14.40	0.	0.	5	-3.60	0.	0.	5	-14.40	0.	0.
6	-14.00	0.	0.	6	-3.50	0.	0.	6	-14.00	0.	0.
7	-13.60	0.	0.	7	-3.40	0.	0.	7	-13.60	0.0001	0.0001
8	-13.20	0.	0.	8	-3.30	0.	0.	8	-13.20	0.0001	0.0002
9	-12.80	0.	0.	9	-3.20	0.	0.	9	-12.80	0.0006	0.0008
10	-12.40	0.0008	0.0008	10	-3.10	0.	0.	10	-12.40	0.0013	0.0020
11	-12.00	0.0017	0.0024	11	-3.00	0.	0.	11	-12.00	0.0017	0.0037
12	-11.60	0.0026	0.0050	12	-2.90	0.	0.	12	-11.60	0.0036	0.0073
13	-11.20	0.0043	0.0093	13	-2.80	0.	0.	13	-11.20	0.0048	0.0121
14	-10.80	0.0055	0.0148	14	-2.70	0.	0.	14	-10.80	0.0060	0.0181
15	-10.40	0.0070	0.0218	15	-2.60	0.	0.	15	-10.40	0.0080	0.0260
16	-10.00	0.0103	0.0320	16	-2.50	0.	0.	16	-10.00	0.0116	0.0376
17	-9.60	0.0132	0.0452	17	-2.40	0.	0.	17	-9.60	0.0160	0.0536
18	-9.20	0.0187	0.0639	18	-2.30	0.	0.	18	-9.20	0.0150	0.0686
19	-8.80	0.0225	0.0864	19	-2.20	0.0001	0.0001	19	-8.80	0.0223	0.0908
20	-8.40	0.0229	0.1094	20	-2.10	0.0003	0.0003	20	-8.40	0.0208	0.1116
21	-8.00	0.0234	0.1327	21	-2.00	0.0007	0.0010	21	-8.00	0.0254	0.1369
22	-7.60	0.0274	0.1601	22	-1.90	0.0007	0.0017	22	-7.60	0.0229	0.1599
23	-7.20	0.0264	0.1865	23	-1.80	0.0010	0.0027	23	-7.20	0.0242	0.1841
24	-6.80	0.0262	0.2127	24	-1.70	0.0013	0.0040	24	-6.80	0.0274	0.2114
25	-6.40	0.0246	0.2373	25	-1.60	0.0012	0.0052	25	-6.40	0.0229	0.2343
26	-6.00	0.0189	0.2562	26	-1.50	0.0018	0.0070	26	-6.00	0.0206	0.2549
27	-5.60	0.0185	0.2747	27	-1.40	0.0027	0.0097	27	-5.60	0.0182	0.2731
28	-5.20	0.0201	0.2948	28	-1.30	0.0023	0.0119	28	-5.20	0.0193	0.2924
29	-4.80	0.0193	0.3141	29	-1.20	0.0052	0.0171	29	-4.80	0.0201	0.3125
30	-4.40	0.0182	0.3323	30	-1.10	0.0062	0.0234	30	-4.40	0.0171	0.3296
31	-4.00	0.0156	0.3480	31	-1.00	0.0121	0.0355	31	-4.00	0.0169	0.3465
32	-3.60	0.0165	0.3644	32	-0.90	0.0149	0.0503	32	-3.60	0.0170	0.3635
33	-3.20	0.0169	0.3813	33	-0.80	0.0194	0.0697	33	-3.20	0.0179	0.3814
34	-2.80	0.0150	0.3962	34	-0.70	0.0293	0.0990	34	-2.80	0.0140	0.3954
35	-2.40	0.0147	0.4110	35	-0.60	0.0385	0.1375	35	-2.40	0.0149	0.4103
36	-2.00	0.0155	0.4264	36	-0.50	0.0530	0.1905	36	-2.00	0.0171	0.4274
37	-1.60	0.0155	0.4419	37	-0.40	0.0644	0.2550	37	-1.60	0.0176	0.4450
38	-1.20	0.0157	0.4576	38	-0.30	0.0703	0.3253	38	-1.20	0.0144	0.4593
39	-0.80	0.0166	0.4742	39	-0.20	0.0818	0.4071	39	-0.80	0.0163	0.4756
40	-0.40	0.0161	0.4903	40	-0.10	0.0854	0.4925	40	-0.40	0.0139	0.4896
41	0.	0.0154	0.5056	41	0.	0.0869	0.5794	41	0.	0.0168	0.5064
42	0.40	0.0146	0.5203	42	0.10	0.0812	0.6605	42	0.40	0.0166	0.5230
43	0.80	0.0161	0.5363	43	0.20	0.0750	0.7356	43	0.80	0.0173	0.5403
44	1.20	0.0161	0.5523	44	0.30	0.0607	0.7963	44	1.20	0.0143	0.5546
45	1.60	0.0147	0.5670	45	0.40	0.0475	0.8438	45	1.60	0.0182	0.5728
46	2.00	0.0166	0.5836	46	0.50	0.0379	0.8817	46	2.00	0.0152	0.5880
47	2.40	0.0167	0.6003	47	0.60	0.0297	0.9114	47	2.40	0.0153	0.6033
48	2.80	0.0160	0.6163	48	0.70	0.0222	0.9336	48	2.80	0.0181	0.6214
49	3.20	0.0163	0.6326	49	0.80	0.0155	0.9490	49	3.20	0.0133	0.6347
50	3.60	0.0173	0.6499	50	0.90	0.0128	0.9618	50	3.60	0.0184	0.6531
51	4.00	0.0176	0.6675	51	1.00	0.0112	0.9730	51	4.00	0.0171	0.6702
52	4.40	0.0171	0.6846	52	1.10	0.0082	0.9811	52	4.40	0.0184	0.6886
53	4.80	0.0188	0.7035	53	1.20	0.0057	0.9868	53	4.80	0.0192	0.7078
54	5.20	0.0197	0.7232	54	1.30	0.0045	0.9914	54	5.20	0.0197	0.7275
55	5.60	0.0196	0.7428	55	1.40	0.0032	0.9945	55	5.60	0.0202	0.7477
56	6.00	0.0227	0.7655	56	1.50	0.0015	0.9961	56	6.00	0.0231	0.7708
57	6.40	0.0254	0.7908	57	1.60	0.0012	0.9972	57	6.40	0.0234	0.7942
58	6.80	0.0257	0.8165	58	1.70	0.0008	0.9980	58	6.80	0.0256	0.8198
59	7.20	0.0280	0.8445	59	1.80	0.0005	0.9985	59	7.20	0.0255	0.8454
60	7.60	0.0273	0.8718	60	1.90	0.0009	0.9994	60	7.60	0.0276	0.8730
61	8.00	0.0252	0.8970	61	2.00	0.0005	0.9999	61	8.00	0.0222	0.8952
62	8.40	0.0231	0.9201	62	2.10	0.	0.9999	62	8.40	0.0224	0.9175
63	8.80	0.0199	0.9400	63	2.20	0.0001	1.0000	63	8.80	0.0191	0.9366
64	9.20	0.0171	0.9572	64	2.30	0.	1.0000	64	9.20	0.0172	0.9538
65	9.60	0.0127	0.9698	65	2.40	0.	1.0000	65	9.60	0.0135	0.9673
66	10.00	0.0092	0.9790	66	2.50	0.	1.0000	66	10.00	0.0103	0.9776
67	10.40	0.0086	0.9876	67	2.60	0.	1.0000	67	10.40	0.0080	0.9856
68	10.80	0.0052	0.9928	68	2.70	0.	1.0000	68	10.80	0.0054	0.9909
69	11.20	0.0034	0.9962	69	2.80	0.	1.0000	69	11.20	0.0041	0.9950
70	11.60	0.0020	0.9982	70	2.90	0.	1.0000	70	11.60	0.0016	0.9966
71	12.00	0.0013	0.9995	71	3.00	0.	1.0000	71	12.00	0.0019	0.9986
72	12.40	0.0003	0.9998	72	3.10	0.	1.0000	72	12.40	0.0011	0.9997
73	12.80	0.0002	1.0000	73	3.20	0.	1.0000	73	12.80	0.0002	0.9998
74	13.20	0.	1.0000	74	3.30	0.	1.0000	74	13.20	0.0002	1.0000
75	13.60	0.	1.0000	75	3.40	0.	1.0000	75	13.60	0.	1.0000
76	14.00	0.	1.0000	76	3.50	0.	1.0000	76	14.00	0.	1.0000
77	14.40	0.	1.0000	77	3.60	0.	1.0000	77	14.40	0.	1.0000
78	14.80	0.	1.0000	78	3.70	0.	1.0000	78	14.80	0.	1.0000
79	15.20	0.	1.0000	79	3.80	0.	1.0000	79	15.20	0.	1.0000
80	15.60	0.	1.0000	80	3.90	0.	1.0000	80	15.60	0.	1.0000
81	16.00	0.	1.0000	81	4.00	0.	1.0000	81	16.00	0.	1.0000

I - INTEPVAL NUMBER X - INTEPVAL CENTER VALUE

P(X) - PROBABILITY MASS FUNCTION F(X) - CUMULATIVE DISTRIBUTION FUNCTION

EASTPORT ME.

STATISTICS FOR FEBRUARY

ASTRONOMICAL TIDE				STORM SURGE				TOTAL WATER LEVEL			
MEAN-0.00 STND DEV 6.37				MEAN-0.00 STND DEV 0.51				MEAN-0.01 STND DEV 6.38			
I	X	P(X)	F(X)	I	X	P(X)	F(X)	I	X	P(X)	F(X)
1	-16.00	0.	0.	1	-4.00	0.	0.	1	-16.00	0.	0.
2	-15.60	0.	0.	2	-3.90	0.	0.	2	-15.60	0.	0.
3	-15.20	0.	0.	3	-3.80	0.	0.	3	-15.20	0.	0.
4	-14.80	0.	0.	4	-3.70	0.	0.	4	-14.80	0.	0.
5	-14.40	0.	0.	5	-3.60	0.	0.	5	-14.40	0.	0.
6	-14.00	0.	0.	6	-3.50	0.	0.	6	-14.00	0.	0.
7	-13.60	0.	0.	7	-3.40	0.	0.	7	-13.60	0.	0.
8	-13.20	0.	0.	8	-3.30	0.	0.	8	-13.20	0.0001	0.0001
9	-12.80	0.0007	0.0007	9	-3.20	0.	0.	9	-12.80	0.0009	0.0010
10	-12.40	0.0009	0.0016	10	-3.10	0.	0.	10	-12.40	0.0020	0.0030
11	-12.00	0.0029	0.0044	11	-3.00	0.	0.	11	-12.00	0.0027	0.0056
12	-11.90	0.0045	0.0089	12	-2.90	0.	0.	12	-11.60	0.0052	0.0108
13	-11.20	0.0063	0.0152	13	-2.80	0.	0.	13	-11.20	0.0060	0.0168
14	-10.80	0.0058	0.0210	14	-2.70	0.	0.	14	-10.80	0.0059	0.0227
15	-10.40	0.0072	0.0282	15	-2.60	0.	0.	15	-10.40	0.0079	0.0306
16	-10.00	0.0094	0.0376	16	-2.50	0.	0.	16	-10.00	0.0094	0.0400
17	-9.60	0.0124	0.0500	17	-2.40	0.	0.	17	-9.60	0.0137	0.0537
18	-9.20	0.0178	0.0678	18	-2.30	0.	0.	18	-9.20	0.0155	0.0692
19	-8.80	0.0184	0.0862	19	-2.20	0.	0.	19	-8.80	0.0206	0.0898
20	-8.40	0.0231	0.1093	20	-2.10	0.0002	0.0002	20	-8.40	0.0240	0.1138
21	-8.00	0.0265	0.1358	21	-2.00	0.0001	0.0003	21	-8.00	0.0236	0.1374
22	-7.60	0.0256	0.1614	22	-1.90	0.0002	0.0005	22	-7.60	0.0244	0.1618
23	-7.20	0.0235	0.1849	23	-1.80	0.0006	0.0011	23	-7.20	0.0237	0.1854
24	-6.80	0.0253	0.2101	24	-1.70	0.0005	0.0016	24	-6.80	0.0213	0.2068
25	-6.40	0.0234	0.2335	25	-1.60	0.0007	0.0023	25	-6.40	0.0232	0.2300
26	-6.00	0.0235	0.2570	26	-1.50	0.0019	0.0041	26	-6.00	0.0223	0.2523
27	-5.60	0.0202	0.2771	27	-1.40	0.0024	0.0065	27	-5.60	0.0209	0.2732
28	-5.20	0.0182	0.2953	28	-1.30	0.0029	0.0093	28	-5.20	0.0197	0.2929
29	-4.80	0.0191	0.3144	29	-1.20	0.0044	0.0138	29	-4.80	0.0185	0.3113
30	-4.40	0.0157	0.3301	30	-1.10	0.0068	0.0206	30	-4.40	0.0180	0.3293
31	-4.00	0.0152	0.3453	31	-1.00	0.0031	0.0238	31	-4.00	0.0145	0.3439
32	-3.60	0.0192	0.3645	32	-0.90	0.0139	0.0436	32	-3.60	0.0176	0.3614
33	-3.20	0.0161	0.3806	33	-0.80	0.0203	0.0640	33	-3.20	0.0167	0.3781
34	-2.80	0.0163	0.3969	34	-0.70	0.0279	0.0919	34	-2.80	0.0156	0.3938
35	-2.40	0.0156	0.4125	35	-0.60	0.0371	0.1289	35	-2.40	0.0187	0.4124
36	-2.00	0.0174	0.4299	36	-0.50	0.0471	0.1760	36	-2.00	0.0164	0.4289
37	-1.60	0.0139	0.4438	37	-0.40	0.0614	0.2374	37	-1.60	0.0144	0.4432
38	-1.20	0.0139	0.4577	38	-0.30	0.0721	0.3096	38	-1.20	0.0147	0.4579
39	-0.80	0.0168	0.4745	39	-0.20	0.0824	0.3919	39	-0.80	0.0155	0.4735
40	-0.40	0.0149	0.4894	40	-0.10	0.0789	0.4709	40	-0.40	0.0153	0.4888
41	0.	0.0144	0.5037	41	0.	0.0849	0.5557	41	0.	0.0164	0.5052
42	0.40	0.0162	0.5200	42	0.10	0.0756	0.6313	42	0.40	0.0162	0.5224
43	0.80	0.0166	0.5366	43	0.20	0.0736	0.7049	43	0.80	0.0155	0.5379
44	1.20	0.0152	0.5518	44	0.30	0.0646	0.7695	44	1.20	0.0162	0.5542
45	1.60	0.0167	0.5685	45	0.40	0.0582	0.8276	45	1.60	0.0166	0.5708
46	2.00	0.0152	0.5837	46	0.50	0.0429	0.8706	46	2.00	0.0163	0.5871
47	2.40	0.0156	0.5994	47	0.60	0.0359	0.9065	47	2.40	0.0172	0.6043
48	2.80	0.0176	0.6169	48	0.70	0.0261	0.9326	48	2.80	0.0150	0.6193
49	3.20	0.0156	0.6326	49	0.80	0.0176	0.9502	49	3.20	0.0165	0.6358
50	3.60	0.0159	0.6485	50	0.90	0.0151	0.9653	50	3.60	0.0179	0.6537
51	4.00	0.0188	0.6673	51	1.00	0.0098	0.9751	51	4.00	0.0155	0.6692
52	4.40	0.0184	0.6856	52	1.10	0.0083	0.9834	52	4.40	0.0188	0.6880
53	4.80	0.0192	0.7048	53	1.20	0.0050	0.9884	53	4.80	0.0195	0.7075
54	5.20	0.0197	0.7245	54	1.30	0.0035	0.9919	54	5.20	0.0202	0.7277
55	5.60	0.0202	0.7446	55	1.40	0.0038	0.9958	55	5.60	0.0221	0.7498
56	6.00	0.0233	0.7679	56	1.50	0.0015	0.9972	56	6.00	0.0225	0.7723
57	6.40	0.0256	0.7934	57	1.60	0.0017	0.9989	57	6.40	0.0251	0.7974
58	6.80	0.0251	0.8185	58	1.70	0.0007	0.9996	58	6.80	0.0237	0.8211
59	7.20	0.0268	0.8453	59	1.80	0.0004	1.0000	59	7.20	0.0259	0.8470
60	7.60	0.0260	0.8714	60	1.90	0.	1.0000	60	7.60	0.0230	0.8700
61	8.00	0.0232	0.8946	61	2.00	0.	1.0000	61	8.00	0.0218	0.8918
62	8.40	0.0226	0.9172	62	2.10	0.	1.0000	62	8.40	0.0201	0.9118
63	8.80	0.0188	0.9359	63	2.20	0.	1.0000	63	8.80	0.0201	0.9319
64	9.20	0.0167	0.9526	64	2.30	0.	1.0000	64	9.20	0.0156	0.9475
65	9.60	0.0117	0.9643	65	2.40	0.	1.0000	65	9.60	0.0122	0.9597
66	10.00	0.0089	0.9733	66	2.50	0.	1.0000	66	10.00	0.0112	0.9709
67	10.40	0.0076	0.9808	67	2.60	0.	1.0000	67	10.40	0.0070	0.9779
68	10.80	0.0064	0.9872	68	2.70	0.	1.0000	68	10.80	0.0068	0.9847
69	11.20	0.0053	0.9925	69	2.80	0.	1.0000	69	11.20	0.0054	0.9901
70	11.60	0.0030	0.9955	70	2.90	0.	1.0000	70	11.60	0.0039	0.9940
71	12.00	0.0033	0.9988	71	3.00	0.	1.0000	71	12.00	0.0025	0.9965
72	12.40	0.0010	0.9998	72	3.10	0.	1.0000	72	12.40	0.0021	0.9985
73	12.80	0.0002	1.0000	73	3.20	0.	1.0000	73	12.80	0.0011	0.9996
74	13.20	0.	1.0000	74	3.30	0.	1.0000	74	13.20	0.0004	1.0000
75	13.60	0.	1.0000	75	3.40	0.	1.0000	75	13.60	0.	1.0000
76	14.00	0.	1.0000	76	3.50	0.	1.0000	76	14.00	0.	1.0000
77	14.40	0.	1.0000	77	3.60	0.	1.0000	77	14.40	0.	1.0000
78	14.80	0.	1.0000	78	3.70	0.	1.0000	78	14.80	0.	1.0000
79	15.20	0.	1.0000	79	3.80	0.	1.0000	79	15.20	0.	1.0000
80	15.60	0.	1.0000	80	3.90	0.	1.0000	80	15.60	0.	1.0000
81	16.00	0.	1.0000	81	4.00	0.	1.0000	81	16.00	0.	1.0000

I - INTERVAL NUMBER X - INTERVAL CENTER VALUE

P(X) - PROBABILITY MASS FUNCTION F(X) - CUMULATIVE DISTRIBUTION FUNCTION

EASTPORT ME.

STATISTICS FOR MARCH

ASTRONOMICAL TIDE				STORM SURGE				TOTAL WATER LEVEL			
MEAN 0.01		STND DEV 6.36		MEAN-0.02		STND DEV 0.44		MEAN-0.01		STND DEV 6.36	
I	X	P(X)	F(X)	I	X	P(X)	F(X)	I	X	P(X)	F(X)
1	-16.00	0.	0.	1	-4.00	0.	0.	1	-16.00	0.	0.
2	-15.60	0.	0.	2	-3.90	0.	0.	2	-15.60	0.	0.
3	-15.20	0.	0.	3	-3.80	0.	0.	3	-15.20	0.	0.
4	-14.80	0.	0.	4	-3.70	0.	0.	4	-14.80	0.	0.
5	-14.40	0.	0.	5	-3.60	0.	0.	5	-14.40	0.	0.
6	-14.00	0.	0.	6	-3.50	0.	0.	6	-14.00	0.0001	0.0001
7	-13.60	0.	0.	7	-3.40	0.	0.	7	-13.60	0.	0.0001
8	-13.20	0.	0.	8	-3.30	0.	0.	8	-13.20	0.0004	0.0005
9	-12.80	0.0005	0.0005	9	-3.20	0.	0.	9	-12.80	0.0019	0.0024
10	-12.40	0.0023	0.0028	10	-3.10	0.	0.	10	-12.40	0.0021	0.0045
11	-12.00	0.0032	0.0060	11	-3.00	0.	0.	11	-12.00	0.0026	0.0070
12	-11.60	0.0039	0.0100	12	-2.90	0.	0.	12	-11.60	0.0039	0.0109
13	-11.20	0.0044	0.0143	13	-2.80	0.	0.	13	-11.20	0.0056	0.0166
14	-10.80	0.0076	0.0220	14	-2.70	0.	0.	14	-10.80	0.0076	0.0241
15	-10.40	0.0074	0.0294	15	-2.60	0.	0.	15	-10.40	0.0067	0.0308
16	-10.00	0.0097	0.0391	16	-2.50	0.	0.	16	-10.00	0.0069	0.0378
17	-9.60	0.0109	0.0500	17	-2.40	0.	0.	17	-9.60	0.0126	0.0523
18	-9.20	0.0168	0.0668	18	-2.30	0.	0.	18	-9.20	0.0160	0.0683
19	-8.80	0.0196	0.0864	19	-2.20	0.	0.	19	-8.80	0.0207	0.0891
20	-8.40	0.0228	0.1091	20	-2.10	0.	0.	20	-8.40	0.0213	0.1104
21	-8.00	0.0242	0.1333	21	-2.00	0.	0.	21	-8.00	0.0234	0.1337
22	-7.60	0.0250	0.1583	22	-1.90	0.	0.	22	-7.60	0.0230	0.1567
23	-7.20	0.0219	0.1802	23	-1.80	0.	0.	23	-7.20	0.0253	0.1820
24	-6.80	0.0272	0.2074	24	-1.70	0.	0.	24	-6.80	0.0254	0.2074
25	-6.40	0.0233	0.2307	25	-1.60	0.0003	0.0003	25	-6.40	0.0217	0.2292
26	-6.00	0.0235	0.2542	26	-1.50	0.0002	0.0005	26	-6.00	0.0220	0.2512
27	-5.60	0.0188	0.2730	27	-1.40	0.0006	0.0010	27	-5.60	0.0211	0.2723
28	-5.20	0.0194	0.2924	28	-1.30	0.0010	0.0020	28	-5.20	0.0168	0.2891
29	-4.80	0.0186	0.3110	29	-1.20	0.0018	0.0038	29	-4.80	0.0180	0.3071
30	-4.40	0.0176	0.3286	30	-1.10	0.0031	0.0069	30	-4.40	0.0169	0.3241
31	-4.00	0.0185	0.3470	31	-1.00	0.0050	0.0119	31	-4.00	0.0187	0.3427
32	-3.60	0.0171	0.3642	32	-0.90	0.0127	0.0277	32	-3.60	0.0181	0.3608
33	-3.20	0.0147	0.3789	33	-0.80	0.0175	0.0451	33	-3.20	0.0179	0.3787
34	-2.80	0.0162	0.3951	34	-0.70	0.0247	0.0698	34	-2.80	0.0148	0.3936
35	-2.40	0.0143	0.4094	35	-0.60	0.0365	0.1063	35	-2.40	0.0163	0.4098
36	-2.00	0.0169	0.4263	36	-0.50	0.0465	0.1528	36	-2.00	0.0160	0.4259
37	-1.60	0.0160	0.4423	37	-0.40	0.0596	0.2123	37	-1.60	0.0156	0.4414
38	-1.20	0.0160	0.4582	38	-0.30	0.0768	0.2891	38	-1.20	0.0147	0.4561
39	-0.80	0.0160	0.4742	39	-0.20	0.0913	0.3805	39	-0.80	0.0180	0.4741
40	-0.40	0.0151	0.4893	40	-0.10	0.0954	0.4759	40	-0.40	0.0175	0.4915
41	0.	0.0165	0.5058	41	0.	0.1055	0.5814	41	0.	0.0149	0.5064
42	0.40	0.0157	0.5215	42	0.10	0.0893	0.6708	42	0.40	0.0151	0.5215
43	0.80	0.0145	0.5360	43	0.20	0.0760	0.7467	43	0.80	0.0177	0.5392
44	1.20	0.0142	0.5502	44	0.30	0.0614	0.8081	44	1.20	0.0144	0.5536
45	1.60	0.0170	0.5672	45	0.40	0.0494	0.8575	45	1.60	0.0162	0.5698
46	2.00	0.0165	0.5837	46	0.50	0.0401	0.8977	46	2.00	0.0174	0.5872
47	2.40	0.0162	0.5999	47	0.60	0.0332	0.9309	47	2.40	0.0155	0.6026
48	2.80	0.0160	0.6160	48	0.70	0.0251	0.9560	48	2.80	0.0167	0.6194
49	3.20	0.0171	0.6331	49	0.80	0.0157	0.9717	49	3.20	0.0163	0.6356
50	3.60	0.0183	0.6513	50	0.90	0.0104	0.9821	50	3.60	0.0186	0.6542
51	4.00	0.0163	0.6677	51	1.00	0.0059	0.9880	51	4.00	0.0189	0.6731
52	4.40	0.0208	0.6884	52	1.10	0.0043	0.9923	52	4.40	0.0188	0.6920
53	4.80	0.0159	0.7043	53	1.20	0.0021	0.9944	53	4.80	0.0186	0.7105
54	5.20	0.0197	0.7240	54	1.30	0.0016	0.9960	54	5.20	0.0195	0.7300
55	5.60	0.0228	0.7468	55	1.40	0.0012	0.9972	55	5.60	0.0209	0.7509
56	6.00	0.0221	0.7689	56	1.50	0.0008	0.9980	56	6.00	0.0231	0.7740
57	6.40	0.0269	0.7958	57	1.60	0.0003	0.9983	57	6.40	0.0245	0.7985
58	6.80	0.0241	0.8199	58	1.70	0.0007	0.9990	58	6.80	0.0246	0.8231
59	7.20	0.0250	0.8449	59	1.80	0.0006	0.9996	59	7.20	0.0250	0.8481
60	7.60	0.0264	0.8713	60	1.90	0.0003	0.9998	60	7.60	0.0226	0.8706
61	8.00	0.0247	0.8961	61	2.00	0.0001	0.9999	61	8.00	0.0230	0.8937
62	8.40	0.0202	0.9162	62	2.10	0.0001	1.0000	62	8.40	0.0229	0.9166
63	8.80	0.0218	0.9380	63	2.20	0.	1.0000	63	8.80	0.0181	0.9347
64	9.20	0.0137	0.9517	64	2.30	0.	1.0000	64	9.20	0.0157	0.9504
65	9.60	0.0114	0.9631	65	2.40	0.	1.0000	65	9.60	0.0121	0.9625
66	10.00	0.0100	0.9730	66	2.50	0.	1.0000	66	10.00	0.0090	0.9715
67	10.40	0.0073	0.9803	67	2.60	0.	1.0000	67	10.40	0.0067	0.9783
68	10.80	0.0059	0.9862	68	2.70	0.	1.0000	68	10.80	0.0064	0.9846
69	11.20	0.0047	0.9909	69	2.80	0.	1.0000	69	11.20	0.0065	0.9911
70	11.60	0.0039	0.9948	70	2.90	0.	1.0000	70	11.60	0.0033	0.9944
71	12.00	0.0031	0.9979	71	3.00	0.	1.0000	71	12.00	0.0036	0.9979
72	12.40	0.0017	0.9996	72	3.10	0.	1.0000	72	12.40	0.0010	0.9989
73	12.80	0.0004	1.0000	73	3.20	0.	1.0000	73	12.80	0.0008	0.9997
74	13.20	0.	1.0000	74	3.30	0.	1.0000	74	13.20	0.0003	1.0000
75	13.60	0.	1.0000	75	3.40	0.	1.0000	75	13.60	0.	1.0000
76	14.00	0.	1.0000	76	3.50	0.	1.0000	76	14.00	0.	1.0000
77	14.40	0.	1.0000	77	3.60	0.	1.0000	77	14.40	0.	1.0000
78	14.80	0.	1.0000	78	3.70	0.	1.0000	78	14.80	0.	1.0000
79	15.20	0.	1.0000	79	3.80	0.	1.0000	79	15.20	0.	1.0000
80	15.60	0.	1.0000	80	3.90	0.	1.0000	80	15.60	0.	1.0000
81	16.00	0.	1.0000	81	4.00	0.	1.0000	81	16.00	0.	1.0000

I - INTERVAL NUMBER X - INTERVAL CENTER VALUE

P(X) - PROBABILITY MASS FUNCTION F(X) - CUMULATIVE DISTRIBUTION FUNCTION

EASTPORT ME.

STATISTICS FOR APRIL

ASTRONOMICAL TIDE				STORM SURGE				TOTAL WATER LEVEL			
MEAN 0.00		STND DEV 6.35		MEAN 0.01		STND DEV 0.37		MEAN 0.01		STND DEV 6.36	
I	X	P(X)	F(X)	I	X	P(X)	F(X)	I	X	P(X)	F(X)
1	-16.00	0.	0.	1	-4.00	0.	0.	1	-16.00	0.	0.
2	-15.60	0.	0.	2	-3.90	0.	0.	2	-15.60	0.	0.
3	-15.20	0.	0.	3	-3.80	0.	0.	3	-15.20	0.	0.
4	-14.80	0.	0.	4	-3.70	0.	0.	4	-14.80	0.	0.
5	-14.40	0.	0.	5	-3.60	0.	0.	5	-14.40	0.	0.
6	-14.00	0.	0.	6	-3.50	0.	0.	6	-14.00	0.	0.
7	-13.60	0.	0.	7	-3.40	0.	0.	7	-13.60	0.	0.
8	-13.20	0.	0.	8	-3.30	0.	0.	8	-13.20	0.0007	0.0007
9	-12.80	0.0007	0.0007	9	-3.20	0.	0.	9	-12.80	0.0008	0.0015
10	-12.40	0.0013	0.0019	10	-3.10	0.	0.	10	-12.40	0.0019	0.0034
11	-12.00	0.0021	0.0041	11	-3.00	0.	0.	11	-12.00	0.0027	0.0061
12	-11.60	0.0044	0.0084	12	-2.90	0.	0.	12	-11.60	0.0045	0.0109
13	-11.20	0.0047	0.0132	13	-2.80	0.	0.	13	-11.20	0.0051	0.0160
14	-10.80	0.0084	0.0216	14	-2.70	0.	0.	14	-10.80	0.0069	0.0230
15	-10.40	0.0075	0.0291	15	-2.60	0.	0.	15	-10.40	0.0080	0.0309
16	-10.00	0.0093	0.0384	16	-2.50	0.	0.	16	-10.00	0.0098	0.0407
17	-9.60	0.0129	0.0513	17	-2.40	0.	0.	17	-9.60	0.0132	0.0540
18	-9.20	0.0166	0.0679	18	-2.30	0.	0.	18	-9.20	0.0175	0.0715
19	-8.80	0.0209	0.0888	19	-2.20	0.	0.	19	-8.80	0.0187	0.0902
20	-8.40	0.0197	0.1085	20	-2.10	0.	0.	20	-8.40	0.0214	0.1116
21	-8.00	0.0238	0.1323	21	-2.00	0.	0.	21	-8.00	0.0220	0.1336
22	-7.60	0.0245	0.1569	22	-1.90	0.	0.	22	-7.60	0.0230	0.1566
23	-7.20	0.0259	0.1828	23	-1.80	0.	0.	23	-7.20	0.0242	0.1807
24	-6.80	0.0261	0.2089	24	-1.70	0.	0.	24	-6.80	0.0252	0.2059
25	-6.40	0.0237	0.2326	25	-1.60	0.	0.	25	-6.40	0.0246	0.2306
26	-6.00	0.0199	0.2525	26	-1.50	0.	0.	26	-6.00	0.0178	0.2483
27	-5.60	0.0210	0.2735	27	-1.40	0.0001	0.0001	27	-5.60	0.0212	0.2695
28	-5.20	0.0194	0.2932	28	-1.30	0.0001	0.0002	28	-5.20	0.0187	0.2882
29	-4.80	0.0185	0.3117	29	-1.20	0.0005	0.0007	29	-4.80	0.0204	0.3086
30	-4.40	0.0187	0.3304	30	-1.10	0.0010	0.0017	30	-4.40	0.0167	0.3253
31	-4.00	0.0156	0.3459	31	-1.00	0.0024	0.0041	31	-4.00	0.0189	0.3442
32	-3.60	0.0170	0.3630	32	-0.90	0.0048	0.0089	32	-3.60	0.0161	0.3603
33	-3.20	0.0167	0.3796	33	-0.80	0.0106	0.0194	33	-3.20	0.0159	0.3762
34	-2.80	0.0156	0.3952	34	-0.70	0.0147	0.0342	34	-2.80	0.0154	0.3916
35	-2.40	0.0157	0.4108	35	-0.60	0.0242	0.0583	35	-2.40	0.0160	0.4076
36	-2.00	0.0171	0.4280	36	-0.50	0.0376	0.0959	36	-2.00	0.0170	0.4246
37	-1.60	0.0163	0.4443	37	-0.40	0.0630	0.1589	37	-1.60	0.0168	0.4414
38	-1.20	0.0137	0.4580	38	-0.30	0.0869	0.2457	38	-1.20	0.0150	0.4564
39	-0.80	0.0155	0.4734	39	-0.20	0.1024	0.3482	39	-0.80	0.0165	0.4729
40	-0.40	0.0160	0.4894	40	-0.10	0.1046	0.4528	40	-0.40	0.0158	0.4887
41	0.	0.0144	0.5039	41	0.	0.1127	0.5655	41	0.	0.0158	0.5045
42	0.40	0.0165	0.5204	42	0.10	0.1012	0.6667	42	0.40	0.0168	0.5213
43	0.80	0.0165	0.5369	43	0.20	0.0867	0.7533	43	0.80	0.0162	0.5375
44	1.20	0.0161	0.5530	44	0.30	0.0757	0.8290	44	1.20	0.0167	0.5542
45	1.60	0.0157	0.5686	45	0.40	0.0549	0.8839	45	1.60	0.0144	0.5686
46	2.00	0.0161	0.5847	46	0.50	0.0389	0.9228	46	2.00	0.0169	0.5855
47	2.40	0.0157	0.6005	47	0.60	0.0285	0.9513	47	2.40	0.0184	0.6039
48	2.80	0.0170	0.6175	48	0.70	0.0184	0.9697	48	2.80	0.0145	0.6184
49	3.20	0.0144	0.6319	49	0.80	0.0134	0.9832	49	3.20	0.0159	0.6344
50	3.60	0.0180	0.6499	50	0.90	0.0075	0.9907	50	3.60	0.0169	0.6512
51	4.00	0.0176	0.6675	51	1.00	0.0043	0.9950	51	4.00	0.0182	0.6694
52	4.40	0.0188	0.6863	52	1.10	0.0018	0.9968	52	4.40	0.0186	0.6881
53	4.80	0.0192	0.7055	53	1.20	0.0015	0.9983	53	4.80	0.0194	0.7075
54	5.20	0.0204	0.7259	54	1.30	0.0007	0.9990	54	5.20	0.0201	0.7276
55	5.60	0.0194	0.7452	55	1.40	0.0004	0.9994	55	5.60	0.0220	0.7496
56	6.00	0.0259	0.7711	56	1.50	0.0002	0.9995	56	6.00	0.0245	0.7742
57	6.40	0.0254	0.7965	57	1.60	0.0002	0.9997	57	6.40	0.0248	0.7990
58	6.80	0.0241	0.8206	58	1.70	0.0001	0.9998	58	6.80	0.0211	0.8201
59	7.20	0.0258	0.8464	59	1.80	0.0002	1.0000	59	7.20	0.0255	0.8456
60	7.60	0.0237	0.8701	60	1.90	0.	1.0000	60	7.60	0.0250	0.8706
61	8.00	0.0254	0.8955	61	2.00	0.	1.0000	61	8.00	0.0219	0.8924
62	8.40	0.0219	0.9174	62	2.10	0.	1.0000	62	8.40	0.0222	0.9146
63	8.80	0.0189	0.9363	63	2.20	0.	1.0000	63	8.80	0.0192	0.9338
64	9.20	0.0158	0.9521	64	2.30	0.	1.0000	64	9.20	0.0156	0.9494
65	9.60	0.0115	0.9636	65	2.40	0.	1.0000	65	9.60	0.0126	0.9619
66	10.00	0.0094	0.9731	66	2.50	0.	1.0000	66	10.00	0.0091	0.9710
67	10.40	0.0080	0.9810	67	2.60	0.	1.0000	67	10.40	0.0087	0.9797
68	10.80	0.0064	0.9874	68	2.70	0.	1.0000	68	10.80	0.0059	0.9857
69	11.20	0.0053	0.9927	69	2.80	0.	1.0000	69	11.20	0.0051	0.9907
70	11.60	0.0035	0.9962	70	2.90	0.	1.0000	70	11.60	0.0041	0.9948
71	12.00	0.0026	0.9988	71	3.00	0.	1.0000	71	12.00	0.0032	0.9980
72	12.40	0.0009	0.9997	72	3.10	0.	1.0000	72	12.40	0.0014	0.9994
73	12.80	0.0003	1.0000	73	3.20	0.	1.0000	73	12.80	0.0007	1.0000
74	13.20	0.	1.0000	74	3.30	0.	1.0000	74	13.20	0.	1.0000
75	13.60	0.	1.0000	75	3.40	0.	1.0000	75	13.60	0.	1.0000
76	14.00	0.	1.0000	76	3.50	0.	1.0000	76	14.00	0.	1.0000
77	14.40	0.	1.0000	77	3.60	0.	1.0000	77	14.40	0.	1.0000
78	14.80	0.	1.0000	78	3.70	0.	1.0000	78	14.80	0.	1.0000
79	15.20	0.	1.0000	79	3.80	0.	1.0000	79	15.20	0.	1.0000
80	15.60	0.	1.0000	80	3.90	0.	1.0000	80	15.60	0.	1.0000
81	16.00	0.	1.0000	81	4.00	0.	1.0000	81	16.00	0.	1.0000

I - INTERVAL NUMBER X - INTERVAL CENTER VALUE

P(X) - PROBABILITY MASS FUNCTION F(X) - CUMULATIVE DISTRIBUTION FUNCTION

EASTPORT ME.

STATISTICS FOR MAY

ASTRONOMICAL TIDE				STORM SURGE				TOTAL WATER LEVEL			
MEAN-0.00		STND DEV 6.31		MEAN 0.03		STND DEV 0.32		MEAN 0.04		STND DEV 6.33	
I	X	P(X)	F(X)	I	X	P(X)	F(X)	I	X	P(X)	F(X)
1	-16.00	0.	0.	1	-4.00	0.	0.	1	-16.00	0.	0.
2	-15.60	0.	0.	2	-3.90	0.	0.	2	-15.60	0.	0.
3	-15.20	0.	0.	3	-3.80	0.	0.	3	-15.20	0.	0.
4	-14.80	0.	0.	4	-3.70	0.	0.	4	-14.80	0.	0.
5	-14.40	0.	0.	5	-3.60	0.	0.	5	-14.40	0.	0.
6	-14.00	0.	0.	6	-3.50	0.	0.	6	-14.00	0.	0.
7	-13.60	0.	0.	7	-3.40	0.	0.	7	-13.60	0.0001	0.0001
8	-13.20	0.	0.	8	-3.30	0.	0.	8	-13.20	0.	0.0001
9	-12.80	0.0003	0.0003	9	-3.20	0.	0.	9	-12.80	0.0008	0.0009
10	-12.40	0.0014	0.0017	10	-3.10	0.	0.	10	-12.40	0.0008	0.0017
11	-12.00	0.0023	0.0040	11	-3.00	0.	0.	11	-12.00	0.0033	0.0050
12	-11.60	0.0025	0.0065	12	-2.90	0.	0.	12	-11.60	0.0040	0.0090
13	-11.20	0.0044	0.0109	13	-2.80	0.	0.	13	-11.20	0.0043	0.0132
14	-10.80	0.0052	0.0161	14	-2.70	0.	0.	14	-10.80	0.0056	0.0188
15	-10.40	0.0086	0.0248	15	-2.60	0.	0.	15	-10.40	0.0077	0.0265
16	-10.00	0.0104	0.0351	16	-2.50	0.	0.	16	-10.00	0.0113	0.0378
17	-9.60	0.0131	0.0482	17	-2.40	0.	0.	17	-9.60	0.0123	0.0501
18	-9.20	0.0168	0.0650	18	-2.30	0.	0.	18	-9.20	0.0166	0.0667
19	-8.80	0.0205	0.0855	19	-2.20	0.	0.	19	-8.80	0.0209	0.0876
20	-8.40	0.0220	0.1074	20	-2.10	0.	0.	20	-8.40	0.0209	0.1085
21	-8.00	0.0240	0.1314	21	-2.00	0.	0.	21	-8.00	0.0208	0.1293
22	-7.60	0.0250	0.1564	22	-1.90	0.	0.	22	-7.60	0.0245	0.1537
23	-7.20	0.0269	0.1833	23	-1.80	0.	0.	23	-7.20	0.0255	0.1792
24	-6.80	0.0260	0.2093	24	-1.70	0.	0.	24	-6.80	0.0262	0.2054
25	-6.40	0.0239	0.2332	25	-1.60	0.	0.	25	-6.40	0.0233	0.2286
26	-6.00	0.0227	0.2559	26	-1.50	0.	0.	26	-6.00	0.0204	0.2490
27	-5.60	0.0201	0.2759	27	-1.40	0.	0.	27	-5.60	0.0204	0.2694
28	-5.20	0.0173	0.2932	28	-1.30	0.	0.	28	-5.20	0.0203	0.2897
29	-4.80	0.0177	0.3109	29	-1.20	0.	0.	29	-4.80	0.0165	0.3062
30	-4.40	0.0172	0.3281	30	-1.10	0.0003	0.0003	30	-4.40	0.0172	0.3234
31	-4.00	0.0173	0.3453	31	-1.00	0.0006	0.0009	31	-4.00	0.0183	0.3417
32	-3.60	0.0176	0.3629	32	-0.90	0.0017	0.0026	32	-3.60	0.0159	0.3576
33	-3.20	0.0182	0.3811	33	-0.80	0.0050	0.0076	33	-3.20	0.0195	0.3771
34	-2.80	0.0154	0.3965	34	-0.70	0.0103	0.0179	34	-2.80	0.0151	0.3922
35	-2.40	0.0151	0.4116	35	-0.60	0.0212	0.0391	35	-2.40	0.0165	0.4087
36	-2.00	0.0164	0.4280	36	-0.50	0.0312	0.0703	36	-2.00	0.0152	0.4239
37	-1.60	0.0148	0.4428	37	-0.40	0.0524	0.1227	37	-1.60	0.0157	0.4396
38	-1.20	0.0149	0.4577	38	-0.30	0.0688	0.1915	38	-1.20	0.0155	0.4552
39	-0.80	0.0158	0.4734	39	-0.20	0.0942	0.2857	39	-0.80	0.0167	0.4719
40	-0.40	0.0154	0.4888	40	-0.10	0.1091	0.3948	40	-0.40	0.0165	0.4884
41	0.	0.0163	0.5051	41	0.	0.1216	0.5164	41	0.	0.0147	0.5031
42	0.40	0.0176	0.5227	42	0.10	0.1343	0.6507	42	0.40	0.0176	0.5207
43	0.80	0.0142	0.5369	43	0.20	0.1120	0.7626	43	0.80	0.0166	0.5373
44	1.20	0.0154	0.5522	44	0.30	0.0861	0.8488	44	1.20	0.0148	0.5521
45	1.60	0.0158	0.5681	45	0.40	0.0613	0.9100	45	1.60	0.0160	0.5681
46	2.00	0.0156	0.5836	46	0.50	0.0418	0.9518	46	2.00	0.0166	0.5847
47	2.40	0.0160	0.5997	47	0.60	0.0215	0.9733	47	2.40	0.0168	0.6015
48	2.80	0.0175	0.6171	48	0.70	0.0134	0.9867	48	2.80	0.0156	0.6171
49	3.20	0.0171	0.6342	49	0.80	0.0061	0.9927	49	3.20	0.0174	0.6346
50	3.60	0.0166	0.6508	50	0.90	0.0033	0.9960	50	3.60	0.0166	0.6512
51	4.00	0.0157	0.6665	51	1.00	0.0018	0.9978	51	4.00	0.0173	0.6685
52	4.40	0.0191	0.6856	52	1.10	0.0015	0.9993	52	4.40	0.0171	0.6856
53	4.80	0.0194	0.7050	53	1.20	0.0005	0.9998	53	4.80	0.0195	0.7051
54	5.20	0.0190	0.7240	54	1.30	0.	0.9998	54	5.20	0.0198	0.7248
55	5.60	0.0217	0.7457	55	1.40	0.	0.9998	55	5.60	0.0228	0.7476
56	6.00	0.0245	0.7702	56	1.50	0.	0.9998	56	6.00	0.0239	0.7715
57	6.40	0.0244	0.7946	57	1.60	0.0001	0.9999	57	6.40	0.0235	0.7950
58	6.80	0.0278	0.8224	58	1.70	0.0001	1.0000	58	6.80	0.0277	0.8226
59	7.20	0.0238	0.8462	59	1.80	0.	1.0000	59	7.20	0.0240	0.8466
60	7.60	0.0269	0.8731	60	1.90	0.	1.0000	60	7.60	0.0239	0.8704
61	8.00	0.0267	0.8998	61	2.00	0.	1.0000	61	8.00	0.0240	0.8944
62	8.40	0.0203	0.9201	62	2.10	0.	1.0000	62	8.40	0.0218	0.9162
63	8.80	0.0211	0.9412	63	2.20	0.	1.0000	63	8.80	0.0194	0.9356
64	9.20	0.0155	0.9567	64	2.30	0.	1.0000	64	9.20	0.0152	0.9508
65	9.60	0.0114	0.9681	65	2.40	0.	1.0000	65	9.60	0.0127	0.9635
66	10.00	0.0090	0.9772	66	2.50	0.	1.0000	66	10.00	0.0106	0.9741
67	10.40	0.0065	0.9837	67	2.60	0.	1.0000	67	10.40	0.0075	0.9816
68	10.80	0.0063	0.9900	68	2.70	0.	1.0000	68	10.80	0.0053	0.9869
69	11.20	0.0040	0.9941	69	2.80	0.	1.0000	69	11.20	0.0058	0.9927
70	11.60	0.0032	0.9972	70	2.90	0.	1.0000	70	11.60	0.0028	0.9955
71	12.00	0.0014	0.9987	71	3.00	0.	1.0000	71	12.00	0.0022	0.9977
72	12.40	0.0010	0.9996	72	3.10	0.	1.0000	72	12.40	0.0014	0.9991
73	12.80	0.0004	1.0000	73	3.20	0.	1.0000	73	12.80	0.0008	0.9999
74	13.20	0.	1.0000	74	3.30	0.	1.0000	74	13.20	0.0001	1.0000
75	13.60	0.	1.0000	75	3.40	0.	1.0000	75	13.60	0.	1.0000
76	14.00	0.	1.0000	76	3.50	0.	1.0000	76	14.00	0.	1.0000
77	14.40	0.	1.0000	77	3.60	0.	1.0000	77	14.40	0.	1.0000
78	14.80	0.	1.0000	78	3.70	0.	1.0000	78	14.80	0.	1.0000
79	15.20	0.	1.0000	79	3.80	0.	1.0000	79	15.20	0.	1.0000
80	15.60	0.	1.0000	80	3.90	0.	1.0000	80	15.60	0.	1.0000
81	16.00	0.	1.0000	81	4.00	0.	1.0000	81	16.00	0.	1.0000

I - INTERVAL NUMBER X - INTERVAL CENTER VALUE

P(X) - PROBABILITY MASS FUNCTION F(X) - CUMULATIVE DISTRIBUTION FUNCTION

EASTPORT ME.

STATISTICS FOR JUNE

ASTRONOMICAL TIDE				STORM SURGE				TOTAL WATER LEVEL			
MEAN-0.00		STND DEV 6.29		MEAN 0.09		STND DEV 0.27		MEAN 0.09		STND DEV 6.29	
I	X	P(X)	F(X)	I	X	P(X)	F(X)	I	X	P(X)	F(X)
1	-16.00	0.	0.	1	-4.00	0.	0.	1	-16.00	0.	0.
2	-15.60	0.	0.	2	-3.90	0.	0.	2	-15.60	0.	0.
3	-15.20	0.	0.	3	-3.80	0.	0.	3	-15.20	0.	0.
4	-14.80	0.	0.	4	-3.70	0.	0.	4	-14.80	0.	0.
5	-14.40	0.	0.	5	-3.60	0.	0.	5	-14.40	0.	0.
6	-14.00	0.	0.	6	-3.50	0.	0.	6	-14.00	0.	0.
7	-13.60	0.	0.	7	-3.40	0.	0.	7	-13.60	0.	0.
8	-13.20	0.	0.	8	-3.30	0.	0.	8	-13.20	0.0001	0.0001
9	-12.80	0.0003	0.0003	9	-3.20	0.	0.	9	-12.80	0.0003	0.0004
10	-12.40	0.0005	0.0007	10	-3.10	0.	0.	10	-12.40	0.0004	0.0008
11	-12.00	0.0009	0.0016	11	-3.00	0.	0.	11	-12.00	0.0015	0.0022
12	-11.60	0.0025	0.0041	12	-2.90	0.	0.	12	-11.60	0.0019	0.0042
13	-11.20	0.0036	0.0077	13	-2.80	0.	0.	13	-11.20	0.0042	0.0083
14	-10.80	0.0053	0.0130	14	-2.70	0.	0.	14	-10.80	0.0054	0.0138
15	-10.40	0.0066	0.0195	15	-2.60	0.	0.	15	-10.40	0.0079	0.0216
16	-10.00	0.0096	0.0292	16	-2.50	0.	0.	16	-10.00	0.0082	0.0298
17	-9.60	0.0133	0.0425	17	-2.40	0.	0.	17	-9.60	0.0123	0.0422
18	-9.20	0.0165	0.0590	18	-2.30	0.	0.	18	-9.20	0.0165	0.0586
19	-8.80	0.0234	0.0824	19	-2.20	0.	0.	19	-8.80	0.0195	0.0781
20	-8.40	0.0256	0.1080	20	-2.10	0.	0.	20	-8.40	0.0255	0.1036
21	-8.00	0.0242	0.1321	21	-2.00	0.	0.	21	-8.00	0.0235	0.1270
22	-7.60	0.0301	0.1622	22	-1.90	0.	0.	22	-7.60	0.0275	0.1545
23	-7.20	0.0257	0.1879	23	-1.80	0.	0.	23	-7.20	0.0268	0.1814
24	-6.80	0.0269	0.2148	24	-1.70	0.	0.	24	-6.80	0.0226	0.2040
25	-6.40	0.0218	0.2366	25	-1.60	0.	0.	25	-6.40	0.0238	0.2278
26	-6.00	0.0214	0.2580	26	-1.50	0.	0.	26	-6.00	0.0214	0.2492
27	-5.60	0.0200	0.2780	27	-1.40	0.	0.	27	-5.60	0.0205	0.2698
28	-5.20	0.0164	0.2943	28	-1.30	0.	0.	28	-5.20	0.0175	0.2873
29	-4.80	0.0175	0.3119	29	-1.20	0.	0.	29	-4.80	0.0173	0.3047
30	-4.40	0.0181	0.3299	30	-1.10	0.0001	0.0001	30	-4.40	0.0178	0.3225
31	-4.00	0.0169	0.3467	31	-1.00	0.0001	0.0002	31	-4.00	0.0179	0.3404
32	-3.60	0.0184	0.3651	32	-0.90	0.0004	0.0006	32	-3.60	0.0153	0.3557
33	-3.20	0.0167	0.3818	33	-0.80	0.0008	0.0014	33	-3.20	0.0162	0.3719
34	-2.80	0.0142	0.3959	34	-0.70	0.0027	0.0041	34	-2.80	0.0152	0.3901
35	-2.40	0.0174	0.4133	35	-0.60	0.0058	0.0099	35	-2.40	0.0173	0.4074
36	-2.00	0.0144	0.4277	36	-0.50	0.0121	0.0220	36	-2.00	0.0165	0.4238
37	-1.60	0.0150	0.4427	37	-0.40	0.0313	0.0533	37	-1.60	0.0144	0.4383
38	-1.20	0.0164	0.4591	38	-0.30	0.0527	0.1060	38	-1.20	0.0156	0.4539
39	-0.80	0.0143	0.4733	39	-0.20	0.0630	0.1690	39	-0.80	0.0150	0.4689
40	-0.40	0.0156	0.4889	40	-0.10	0.1148	0.2838	40	-0.40	0.0172	0.4861
41	0.	0.0158	0.5047	41	0.	0.1586	0.4423	41	0.	0.0170	0.5030
42	0.40	0.0157	0.5204	42	0.10	0.1417	0.5840	42	0.40	0.0165	0.5195
43	0.80	0.0157	0.5361	43	0.20	0.1352	0.7192	43	0.80	0.0144	0.5339
44	1.20	0.0161	0.5522	44	0.30	0.1085	0.8277	44	1.20	0.0152	0.5491
45	1.60	0.0146	0.5669	45	0.40	0.0770	0.9048	45	1.60	0.0159	0.5650
46	2.00	0.0170	0.5839	46	0.50	0.0509	0.9556	46	2.00	0.0174	0.5825
47	2.40	0.0169	0.6007	47	0.60	0.0258	0.9814	47	2.40	0.0166	0.5990
48	2.80	0.0159	0.6167	48	0.70	0.0117	0.9931	48	2.80	0.0166	0.6156
49	3.20	0.0161	0.6328	49	0.80	0.0043	0.9974	49	3.20	0.0159	0.6315
50	3.60	0.0170	0.6498	50	0.90	0.0017	0.9991	50	3.60	0.0173	0.6487
51	4.00	0.0180	0.6678	51	1.00	0.0007	0.9998	51	4.00	0.0156	0.6643
52	4.40	0.0178	0.6856	52	1.10	0.0001	0.9999	52	4.40	0.0192	0.6835
53	4.80	0.0193	0.7048	53	1.20	0.	0.9999	53	4.80	0.0176	0.7012
54	5.20	0.0170	0.7219	54	1.30	0.	0.9999	54	5.20	0.0162	0.7173
55	5.60	0.0198	0.7417	55	1.40	0.	0.9999	55	5.60	0.0220	0.7393
56	6.00	0.0219	0.7635	56	1.50	0.0001	1.0000	56	6.00	0.0225	0.7618
57	6.40	0.0253	0.7888	57	1.60	0.	1.0000	57	6.40	0.0230	0.7848
58	6.80	0.0318	0.8206	58	1.70	0.	1.0000	58	6.80	0.0305	0.8153
59	7.20	0.0257	0.8462	59	1.80	0.	1.0000	59	7.20	0.0264	0.8417
60	7.60	0.0301	0.8763	60	1.90	0.	1.0000	60	7.60	0.0242	0.8659
61	8.00	0.0220	0.8983	61	2.00	0.	1.0000	61	8.00	0.0250	0.8909
62	8.40	0.0257	0.9240	62	2.10	0.	1.0000	62	8.40	0.0262	0.9170
63	8.80	0.0208	0.9448	63	2.20	0.	1.0000	63	8.80	0.0195	0.9365
64	9.20	0.0157	0.9606	64	2.30	0.	1.0000	64	9.20	0.0177	0.9543
65	9.60	0.0129	0.9733	65	2.40	0.	1.0000	65	9.60	0.0144	0.9687
66	10.00	0.0095	0.9829	66	2.50	0.	1.0000	66	10.00	0.0104	0.9791
67	10.40	0.0069	0.9898	67	2.60	0.	1.0000	67	10.40	0.0080	0.9870
68	10.80	0.0044	0.9943	68	2.70	0.	1.0000	68	10.80	0.0050	0.9920
69	11.20	0.0019	0.9962	69	2.80	0.	1.0000	69	11.20	0.0030	0.9951
70	11.60	0.0017	0.9979	70	2.90	0.	1.0000	70	11.60	0.0019	0.9970
71	12.00	0.0018	0.9996	71	3.00	0.	1.0000	71	12.00	0.0018	0.9988
72	12.40	0.0004	1.0000	72	3.10	0.	1.0000	72	12.40	0.0010	0.9998
73	12.80	0.	1.0000	73	3.20	0.	1.0000	73	12.80	0.0002	1.0000
74	13.20	0.	1.0000	74	3.30	0.	1.0000	74	13.20	0.	1.0000
75	13.60	0.	1.0000	75	3.40	0.	1.0000	75	13.60	0.	1.0000
76	14.00	0.	1.0000	76	3.50	0.	1.0000	76	14.00	0.	1.0000
77	14.40	0.	1.0000	77	3.60	0.	1.0000	77	14.40	0.	1.0000
78	14.80	0.	1.0000	78	3.70	0.	1.0000	78	14.80	0.	1.0000
79	15.20	0.	1.0000	79	3.80	0.	1.0000	79	15.20	0.	1.0000
80	15.60	0.	1.0000	80	3.90	0.	1.0000	80	15.60	0.	1.0000
81	16.00	0.	1.0000	81	4.00	0.	1.0000	81	16.00	0.	1.0000

I - INTERVAL NUMBER X - INTERVAL CENTER VALUE

P(X) - PROBABILITY MASS FUNCTION F(X) - CUMULATIVE DISTRIBUTION FUNCTION

EASTPORT ME.

STATISTICS FOR JULY

ASTPONOMICAL TIDE				STORM SURGE				TOTAL WATER LEVEL			
MEAN-0.00		STND DEV 6.31		MEAN 0.05		STND DEV 0.28		MEAN 0.05		STND DEV 6.32	
I	X	P(X)	F(X)	I	X	P(X)	F(X)	I	X	P(X)	F(X)
1	-16.00	0.	0.	1	-4.00	0.	0.	1	-16.00	0.	0.
2	-15.60	0.	0.	2	-3.90	0.	0.	2	-15.60	0.	0.
3	-15.20	0.	0.	3	-3.80	0.	0.	3	-15.20	0.	0.
4	-14.80	0.	0.	4	-3.70	0.	0.	4	-14.80	0.	0.
5	-14.40	0.	0.	5	-3.60	0.	0.	5	-14.40	0.	0.
6	-14.00	0.	0.	6	-3.50	0.	0.	6	-14.00	0.	0.
7	-13.60	0.	0.	7	-3.40	0.	0.	7	-13.60	0.	0.
8	-13.20	0.	0.	8	-3.30	0.	0.	8	-13.20	0.	0.
9	-12.80	0.	0.	9	-3.20	0.	0.	9	-12.80	0.0001	0.0001
10	-12.40	0.0007	0.0007	10	-3.10	0.	0.	10	-12.40	0.0007	0.0008
11	-12.00	0.0008	0.0014	11	-3.00	0.	0.	11	-12.00	0.0013	0.0020
12	-11.60	0.0022	0.0037	12	-2.90	0.	0.	12	-11.60	0.0020	0.0040
13	-11.20	0.0039	0.0076	13	-2.80	0.	0.	13	-11.20	0.0039	0.0079
14	-10.80	0.0056	0.0132	14	-2.70	0.	0.	14	-10.80	0.0060	0.0139
15	-10.40	0.0069	0.0201	15	-2.60	0.	0.	15	-10.40	0.0084	0.0223
16	-10.00	0.0117	0.0318	16	-2.50	0.	0.	16	-10.00	0.0119	0.0342
17	-9.60	0.0151	0.0469	17	-2.40	0.	0.	17	-9.60	0.0148	0.0490
18	-9.20	0.0174	0.0642	18	-2.30	0.	0.	18	-9.20	0.0155	0.0645
19	-8.80	0.0201	0.0843	19	-2.20	0.	0.	19	-8.80	0.0201	0.0845
20	-8.40	0.0238	0.1081	20	-2.10	0.0001	0.0001	20	-8.40	0.0219	0.1064
21	-8.00	0.0226	0.1307	21	-2.00	0.	0.0001	21	-8.00	0.0234	0.1298
22	-7.60	0.0300	0.1606	22	-1.90	0.0001	0.0002	22	-7.60	0.0239	0.1536
23	-7.20	0.0286	0.1892	23	-1.80	0.	0.0002	23	-7.20	0.0279	0.1816
24	-6.80	0.0253	0.2145	24	-1.70	0.	0.0002	24	-6.80	0.0267	0.2082
25	-6.40	0.0223	0.2368	25	-1.60	0.	0.0002	25	-6.40	0.0235	0.2317
26	-6.00	0.0226	0.2593	26	-1.50	0.	0.0002	26	-6.00	0.0207	0.2524
27	-5.60	0.0192	0.2785	27	-1.40	0.	0.0002	27	-5.60	0.0217	0.2741
28	-5.20	0.0183	0.2969	28	-1.30	0.	0.0002	28	-5.20	0.0162	0.2903
29	-4.80	0.0176	0.3144	29	-1.20	0.0002	0.0004	29	-4.80	0.0160	0.3063
30	-4.40	0.0152	0.3296	30	-1.10	0.0003	0.0007	30	-4.40	0.0163	0.3226
31	-4.00	0.0168	0.3464	31	-1.00	0.0012	0.0019	31	-4.00	0.0175	0.3421
32	-3.60	0.0155	0.3619	32	-0.90	0.0015	0.0033	32	-3.60	0.0163	0.3584
33	-3.20	0.0171	0.3789	33	-0.80	0.0037	0.0070	33	-3.20	0.0167	0.3751
34	-2.80	0.0182	0.3971	34	-0.70	0.0056	0.0126	34	-2.80	0.0171	0.3922
35	-2.40	0.0152	0.4123	35	-0.60	0.0091	0.0216	35	-2.40	0.0163	0.4085
36	-2.00	0.0157	0.4279	36	-0.50	0.0177	0.0393	36	-2.00	0.0164	0.4248
37	-1.60	0.0157	0.4436	37	-0.40	0.0339	0.0732	37	-1.60	0.0176	0.4425
38	-1.20	0.0164	0.4600	38	-0.30	0.0565	0.1297	38	-1.20	0.0157	0.4581
39	-0.80	0.0148	0.4748	39	-0.20	0.0803	0.2199	39	-0.80	0.0160	0.4741
40	-0.40	0.0149	0.4896	40	-0.10	0.1280	0.3479	40	-0.40	0.0152	0.4893
41	0.	0.0153	0.5049	41	0.	0.1478	0.4957	41	0.	0.0139	0.5032
42	0.40	0.0139	0.5188	42	0.10	0.1498	0.6455	42	0.40	0.0159	0.5191
43	0.80	0.0167	0.5355	43	0.20	0.1269	0.7724	43	0.80	0.0171	0.5362
44	1.20	0.0165	0.5520	44	0.30	0.0949	0.8673	44	1.20	0.0156	0.5518
45	1.60	0.0160	0.5681	45	0.40	0.0584	0.9257	45	1.60	0.0153	0.5671
46	2.00	0.0161	0.5842	46	0.50	0.0361	0.9618	46	2.00	0.0182	0.5853
47	2.40	0.0157	0.5999	47	0.60	0.0217	0.9836	47	2.40	0.0147	0.6000
48	2.80	0.0171	0.6169	48	0.70	0.0080	0.9915	48	2.80	0.0176	0.6176
49	3.20	0.0160	0.6330	49	0.80	0.0050	0.9965	49	3.20	0.0178	0.6354
50	3.60	0.0173	0.6503	50	0.90	0.0021	0.9986	50	3.60	0.0158	0.6512
51	4.00	0.0153	0.6657	51	1.00	0.0007	0.9993	51	4.00	0.0167	0.6679
52	4.40	0.0175	0.6832	52	1.10	0.0005	0.9998	52	4.40	0.0156	0.6835
53	4.80	0.0190	0.7022	53	1.20	0.0001	0.9999	53	4.80	0.0193	0.7028
54	5.20	0.0210	0.7232	54	1.30	0.0001	1.0000	54	5.20	0.0217	0.7245
55	5.60	0.0214	0.7446	55	1.40	0.	1.0000	55	5.60	0.0191	0.7436
56	6.00	0.0219	0.7665	56	1.50	0.	1.0000	56	6.00	0.0208	0.7644
57	6.40	0.0245	0.7910	57	1.60	0.	1.0000	57	6.40	0.0250	0.7894
58	6.80	0.0228	0.8138	58	1.70	0.	1.0000	58	6.80	0.0242	0.8137
59	7.20	0.0317	0.8454	59	1.80	0.	1.0000	59	7.20	0.0267	0.8403
60	7.60	0.0278	0.8732	60	1.90	0.	1.0000	60	7.60	0.0261	0.8664
61	8.00	0.0241	0.8973	61	2.00	0.	1.0000	61	8.00	0.0256	0.8920
62	8.40	0.0215	0.9188	62	2.10	0.	1.0000	62	8.40	0.0227	0.9147
63	8.80	0.0230	0.9418	63	2.20	0.	1.0000	63	8.80	0.0214	0.9361
64	9.20	0.0163	0.9581	64	2.30	0.	1.0000	64	9.20	0.0165	0.9526
65	9.60	0.0140	0.9722	65	2.40	0.	1.0000	65	9.60	0.0144	0.9670
66	10.00	0.0097	0.9818	66	2.50	0.	1.0000	66	10.00	0.0104	0.9774
67	10.40	0.0063	0.9882	67	2.60	0.	1.0000	67	10.40	0.0085	0.9859
68	10.80	0.0051	0.9933	68	2.70	0.	1.0000	68	10.80	0.0054	0.9912
69	11.20	0.0035	0.9967	69	2.80	0.	1.0000	69	11.20	0.0034	0.9946
70	11.60	0.0020	0.9988	70	2.90	0.	1.0000	70	11.60	0.0028	0.9975
71	12.00	0.0012	0.9999	71	3.00	0.	1.0000	71	12.00	0.0017	0.9991
72	12.40	0.0001	1.0000	72	3.10	0.	1.0000	72	12.40	0.0008	0.9999
73	12.80	0.	1.0000	73	3.20	0.	1.0000	73	12.80	0.0001	1.0000
74	13.20	0.	1.0000	74	3.30	0.	1.0000	74	13.20	0.	1.0000
75	13.60	0.	1.0000	75	3.40	0.	1.0000	75	13.60	0.	1.0000
76	14.00	0.	1.0000	76	3.50	0.	1.0000	76	14.00	0.	1.0000
77	14.40	0.	1.0000	77	3.60	0.	1.0000	77	14.40	0.	1.0000
78	14.80	0.	1.0000	78	3.70	0.	1.0000	78	14.80	0.	1.0000
79	15.20	0.	1.0000	79	3.80	0.	1.0000	79	15.20	0.	1.0000
80	15.60	0.	1.0000	80	3.90	0.	1.0000	80	15.60	0.	1.0000
81	16.00	0.	1.0000	81	4.00	0.	1.0000	81	16.00	0.	1.0000

I - INTERVAL NUMBER X - INTERVAL CENTER VALUE

P(X) - PROBABILITY MASS FUNCTION F(X) - CUMULATIVE DISTRIBUTION FUNCTION

EASTPORT ME.

STATISTICS FOR AUGUST

ASTRONOMICAL TIDE				STORM SURGE				TOTAL WATER LEVEL			
MEAN 0.00		STND DEV 6.34		MEAN-0.05		STND DEV 0.32		MEAN-0.04		STND DEV 6.34	
I	X	P(X)	F(X)	I	X	P(X)	F(X)	I	X	P(X)	F(X)
1	-16.00	0.	0.	1	-4.00	0.	0.	1	-16.00	0.	0.
2	-15.60	0.	0.	2	-3.90	0.	0.	2	-15.60	0.	0.
3	-15.20	0.	0.	3	-3.80	0.	0.	3	-15.20	0.	0.
4	-14.80	0.	0.	4	-3.70	0.	0.	4	-14.80	0.	0.
5	-14.40	0.	0.	5	-3.60	0.	0.	5	-14.40	0.	0.
6	-14.00	0.	0.	6	-3.50	0.	0.	6	-14.00	0.	0.
7	-13.60	0.	0.	7	-3.40	0.	0.	7	-13.60	0.	0.
8	-13.20	0.	0.	8	-3.30	0.	0.	8	-13.20	0.0001	0.0001
9	-12.80	0.0002	0.0002	9	-3.20	0.	0.	9	-12.80	0.0003	0.0003
10	-12.40	0.0004	0.0006	10	-3.10	0.	0.	10	-12.40	0.0014	0.0018
11	-12.00	0.0022	0.0028	11	-3.00	0.	0.	11	-12.00	0.0023	0.0041
12	-11.60	0.0032	0.0060	12	-2.90	0.	0.	12	-11.60	0.0030	0.0071
13	-11.20	0.0044	0.0104	13	-2.80	0.	0.	13	-11.20	0.0048	0.0119
14	-10.80	0.0070	0.0175	14	-2.70	0.	0.	14	-10.80	0.0072	0.0190
15	-10.40	0.0076	0.0251	15	-2.60	0.	0.	15	-10.40	0.0072	0.0262
16	-10.00	0.0100	0.0350	16	-2.50	0.	0.	16	-10.00	0.0124	0.0386
17	-9.60	0.0129	0.0479	17	-2.40	0.	0.	17	-9.60	0.0134	0.0519
18	-9.20	0.0181	0.0660	18	-2.30	0.	0.	18	-9.20	0.0187	0.0706
19	-8.80	0.0215	0.0875	19	-2.20	0.	0.	19	-8.80	0.0198	0.0904
20	-8.40	0.0223	0.1098	20	-2.10	0.	0.	20	-8.40	0.0221	0.1126
21	-8.00	0.0258	0.1356	21	-2.00	0.	0.	21	-8.00	0.0230	0.1355
22	-7.60	0.0259	0.1615	22	-1.90	0.	0.	22	-7.60	0.0275	0.1630
23	-7.20	0.0238	0.1853	23	-1.80	0.	0.	23	-7.20	0.0240	0.1870
24	-6.80	0.0266	0.2119	24	-1.70	0.	0.	24	-6.80	0.0256	0.2126
25	-6.40	0.0237	0.2356	25	-1.60	0.	0.	25	-6.40	0.0207	0.2333
26	-6.00	0.0210	0.2566	26	-1.50	0.	0.	26	-6.00	0.0209	0.2542
27	-5.60	0.0196	0.2762	27	-1.40	0.0001	0.0001	27	-5.60	0.0189	0.2731
28	-5.20	0.0191	0.2953	28	-1.30	0.0002	0.0003	28	-5.20	0.0200	0.2931
29	-4.80	0.0176	0.3129	29	-1.20	0.0001	0.0003	29	-4.80	0.0190	0.3121
30	-4.40	0.0186	0.3315	30	-1.10	0.0006	0.0009	30	-4.40	0.0179	0.3300
31	-4.00	0.0169	0.3484	31	-1.00	0.0012	0.0021	31	-4.00	0.0186	0.3486
32	-3.60	0.0172	0.3657	32	-0.90	0.0023	0.0043	32	-3.60	0.0160	0.3646
33	-3.20	0.0134	0.3791	33	-0.80	0.0071	0.0114	33	-3.20	0.0149	0.3794
34	-2.80	0.0161	0.3952	34	-0.70	0.0136	0.0251	34	-2.80	0.0159	0.3953
35	-2.40	0.0151	0.4103	35	-0.60	0.0275	0.0525	35	-2.40	0.0158	0.4111
36	-2.00	0.0167	0.4270	36	-0.50	0.0459	0.0985	36	-2.00	0.0167	0.4278
37	-1.60	0.0150	0.4421	37	-0.40	0.0676	0.1660	37	-1.60	0.0142	0.4420
38	-1.20	0.0165	0.4585	38	-0.30	0.0971	0.2631	38	-1.20	0.0182	0.4602
39	-0.80	0.0163	0.4748	39	-0.20	0.1172	0.3803	39	-0.80	0.0172	0.4774
40	-0.40	0.0161	0.4908	40	-0.10	0.1303	0.5106	40	-0.40	0.0147	0.4921
41	0.	0.0149	0.5057	41	0.	0.1345	0.6451	41	0.	0.0173	0.5094
42	0.40	0.0155	0.5212	42	0.10	0.1136	0.7587	42	0.40	0.0143	0.5236
43	0.80	0.0149	0.5361	43	0.20	0.0840	0.8427	43	0.80	0.0159	0.5395
44	1.20	0.0156	0.5517	44	0.30	0.0616	0.9043	44	1.20	0.0165	0.5560
45	1.60	0.0149	0.5666	45	0.40	0.0392	0.9435	45	1.60	0.0158	0.5718
46	2.00	0.0166	0.5832	46	0.50	0.0252	0.9687	46	2.00	0.0171	0.5889
47	2.40	0.0167	0.5999	47	0.60	0.0149	0.9836	47	2.40	0.0164	0.6053
48	2.80	0.0158	0.6157	48	0.70	0.0080	0.9916	48	2.80	0.0156	0.6209
49	3.20	0.0158	0.6315	49	0.80	0.0036	0.9952	49	3.20	0.0170	0.6379
50	3.60	0.0165	0.6480	50	0.90	0.0017	0.9968	50	3.60	0.0153	0.6531
51	4.00	0.0190	0.6670	51	1.00	0.0013	0.9981	51	4.00	0.0189	0.6720
52	4.40	0.0180	0.6850	52	1.10	0.0008	0.9988	52	4.40	0.0191	0.6911
53	4.80	0.0199	0.7049	53	1.20	0.0003	0.9992	53	4.80	0.0192	0.7103
54	5.20	0.0188	0.7238	54	1.30	0.0004	0.9996	54	5.20	0.0195	0.7298
55	5.60	0.0199	0.7437	55	1.40	0.	0.9996	55	5.60	0.0221	0.7519
56	6.00	0.0227	0.7664	56	1.50	0.	0.9996	56	6.00	0.0233	0.7752
57	6.40	0.0240	0.7904	57	1.60	0.0003	0.9999	57	6.40	0.0246	0.7998
58	6.80	0.0281	0.8185	58	1.70	0.0001	1.0000	58	6.80	0.0219	0.8216
59	7.20	0.0245	0.8430	59	1.80	0.	1.0000	59	7.20	0.0250	0.8466
60	7.60	0.0253	0.8683	60	1.90	0.	1.0000	60	7.60	0.0241	0.8707
61	8.00	0.0268	0.8951	61	2.00	0.	1.0000	61	8.00	0.0276	0.8983
62	8.40	0.0231	0.9182	62	2.10	0.	1.0000	62	8.40	0.0205	0.9188
63	8.80	0.0197	0.9379	63	2.20	0.	1.0000	63	8.80	0.0180	0.9368
64	9.20	0.0160	0.9539	64	2.30	0.	1.0000	64	9.20	0.0173	0.9541
65	9.60	0.0132	0.9670	65	2.40	0.	1.0000	65	9.60	0.0120	0.9661
66	10.00	0.0093	0.9764	66	2.50	0.	1.0000	66	10.00	0.0079	0.9740
67	10.40	0.0080	0.9844	67	2.60	0.	1.0000	67	10.40	0.0065	0.9826
68	10.80	0.0059	0.9903	68	2.70	0.	1.0000	68	10.80	0.0062	0.9887
69	11.20	0.0051	0.9954	69	2.80	0.	1.0000	69	11.20	0.0044	0.9932
70	11.60	0.0029	0.9983	70	2.90	0.	1.0000	70	11.60	0.0033	0.9964
71	12.00	0.0012	0.9995	71	3.00	0.	1.0000	71	12.00	0.0024	0.9988
72	12.40	0.0004	0.9999	72	3.10	0.	1.0000	72	12.40	0.0008	0.9996
73	12.80	0.0001	1.0000	73	3.20	0.	1.0000	73	12.80	0.0004	1.0000
74	13.20	0.	1.0000	74	3.30	0.	1.0000	74	13.20	0.	1.0000
75	13.60	0.	1.0000	75	3.40	0.	1.0000	75	13.60	0.	1.0000
76	14.00	0.	1.0000	76	3.50	0.	1.0000	76	14.00	0.	1.0000
77	14.40	0.	1.0000	77	3.60	0.	1.0000	77	14.40	0.	1.0000
78	14.80	0.	1.0000	78	3.70	0.	1.0000	78	14.80	0.	1.0000
79	15.20	0.	1.0000	79	3.80	0.	1.0000	79	15.20	0.	1.0000
80	15.60	0.	1.0000	80	3.90	0.	1.0000	80	15.60	0.	1.0000
81	16.00	0.	1.0000	81	4.00	0.	1.0000	81	16.00	0.	1.0000

I - INTERVAL NUMBER X - INTERVAL CENTER VALUE

P(X) - PROBABILITY MASS FUNCTION F(X) - CUMULATIVE DISTRIBUTION FUNCTION

EASTPORT ME.

STATISTICS FOR SEPTEMBER

ASTRONOMICAL TIDE				STORM SURGE				TOTAL WATER LEVEL			
MEAN 0.00		STND DEV 6.37		MEAN-0.02		STND DEV 0.32		MEAN-0.01		STND DEV 6.35	
I	X	P(X)	F(X)	I	X	P(X)	F(X)	I	X	P(X)	F(X)
1	-16.00	0.	0.	1	-4.00	0.	0.	1	-16.00	0.	0.
2	-15.60	0.	0.	2	-3.90	0.	0.	2	-15.60	0.	0.
3	-15.20	0.	0.	3	-3.80	0.	0.	3	-15.20	0.	0.
4	-14.80	0.	0.	4	-3.70	0.	0.	4	-14.80	0.	0.
5	-14.40	0.	0.	5	-3.60	0.	0.	5	-14.40	0.	0.
6	-14.00	0.	0.	6	-3.50	0.	0.	6	-14.00	0.	0.
7	-13.60	0.	0.	7	-3.40	0.	0.	7	-13.60	0.	0.
8	-13.20	0.	0.	8	-3.30	0.	0.	8	-13.20	0.0001	0.0001
9	-12.80	0.	0.	9	-3.20	0.	0.	9	-12.80	0.0004	0.0005
10	-12.40	0.0017	0.0017	10	-3.10	0.	0.	10	-12.40	0.0020	0.0025
11	-12.00	0.0034	0.0051	11	-3.00	0.	0.	11	-12.00	0.0029	0.0054
12	-11.60	0.0043	0.0093	12	-2.90	0.	0.	12	-11.60	0.0046	0.0100
13	-11.20	0.0056	0.0149	13	-2.80	0.	0.	13	-11.20	0.0060	0.0160
14	-10.80	0.0069	0.0218	14	-2.70	0.	0.	14	-10.80	0.0072	0.0231
15	-10.40	0.0074	0.0292	15	-2.60	0.	0.	15	-10.40	0.0072	0.0303
16	-10.00	0.0098	0.0390	16	-2.50	0.	0.	16	-10.00	0.0096	0.0399
17	-9.60	0.0125	0.0515	17	-2.40	0.	0.	17	-9.60	0.0140	0.0539
18	-9.20	0.0179	0.0693	18	-2.30	0.	0.	18	-9.20	0.0163	0.0702
19	-8.80	0.0194	0.0888	19	-2.20	0.	0.	19	-8.80	0.0205	0.0907
20	-8.40	0.0232	0.1119	20	-2.10	0.	0.	20	-8.40	0.0228	0.1135
21	-8.00	0.0245	0.1365	21	-2.00	0.	0.	21	-8.00	0.0226	0.1361
22	-7.60	0.0232	0.1596	22	-1.90	0.	0.	22	-7.60	0.0194	0.1555
23	-7.20	0.0233	0.1830	23	-1.80	0.	0.	23	-7.20	0.0236	0.1791
24	-6.80	0.0256	0.2085	24	-1.70	0.	0.	24	-6.80	0.0251	0.2042
25	-6.40	0.0238	0.2323	25	-1.60	0.	0.	25	-6.40	0.0244	0.2285
26	-6.00	0.0222	0.2545	26	-1.50	0.	0.	26	-6.00	0.0234	0.2520
27	-5.60	0.0195	0.2741	27	-1.40	0.	0.	27	-5.60	0.0194	0.2714
28	-5.20	0.0216	0.2957	28	-1.30	0.0001	0.0001	28	-5.20	0.0198	0.2912
29	-4.80	0.0165	0.3121	29	-1.20	0.	0.0001	29	-4.80	0.0147	0.3059
30	-4.40	0.0169	0.3290	30	-1.10	0.0006	0.0007	30	-4.40	0.0167	0.3226
31	-4.00	0.0175	0.3465	31	-1.00	0.0012	0.0020	31	-4.00	0.0188	0.3414
32	-3.60	0.0157	0.3622	32	-0.90	0.0027	0.0047	32	-3.60	0.0151	0.3565
33	-3.20	0.0166	0.3788	33	-0.80	0.0054	0.0101	33	-3.20	0.0172	0.3737
34	-2.80	0.0171	0.3959	34	-0.70	0.0121	0.0222	34	-2.80	0.0162	0.3899
35	-2.40	0.0174	0.4133	35	-0.60	0.0239	0.0461	35	-2.40	0.0182	0.4081
36	-2.00	0.0159	0.4293	36	-0.50	0.0422	0.0883	36	-2.00	0.0143	0.4224
37	-1.60	0.0136	0.4429	37	-0.40	0.0640	0.1523	37	-1.60	0.0140	0.4364
38	-1.20	0.0150	0.4579	38	-0.30	0.0893	0.2416	38	-1.20	0.0134	0.4498
39	-0.80	0.0152	0.4731	39	-0.20	0.1113	0.3529	39	-0.80	0.0160	0.4658
40	-0.40	0.0160	0.4891	40	-0.10	0.1205	0.4735	40	-0.40	0.0165	0.4823
41	0.	0.0164	0.5055	41	0.	0.1247	0.5982	41	0.	0.0168	0.4990
42	0.40	0.0149	0.5204	42	0.10	0.1106	0.7088	42	0.40	0.0163	0.5153
43	0.80	0.0169	0.5373	43	0.20	0.0943	0.8031	43	0.80	0.0174	0.5327
44	1.20	0.0157	0.5531	44	0.30	0.0718	0.8749	44	1.20	0.0163	0.5490
45	1.60	0.0152	0.5682	45	0.40	0.0537	0.9286	45	1.60	0.0157	0.5647
46	2.00	0.0148	0.5831	46	0.50	0.0344	0.9630	46	2.00	0.0141	0.5788
47	2.40	0.0176	0.6007	47	0.60	0.0171	0.9801	47	2.40	0.0150	0.6014
48	2.80	0.0153	0.6159	48	0.70	0.0104	0.9905	48	2.80	0.0180	0.6194
49	3.20	0.0155	0.6314	49	0.80	0.0050	0.9954	49	3.20	0.0154	0.6349
50	3.60	0.0189	0.6503	50	0.90	0.0027	0.9981	50	3.60	0.0186	0.6534
51	4.00	0.0188	0.6691	51	1.00	0.0014	0.9995	51	4.00	0.0190	0.6724
52	4.40	0.0174	0.6865	52	1.10	0.0004	0.9999	52	4.40	0.0178	0.6902
53	4.80	0.0174	0.7039	53	1.20	0.0001	1.0000	53	4.80	0.0201	0.7103
54	5.20	0.0210	0.7249	54	1.30	0.	1.0000	54	5.20	0.0202	0.7305
55	5.60	0.0219	0.7468	55	1.40	0.	1.0000	55	5.60	0.0213	0.7518
56	6.00	0.0238	0.7706	56	1.50	0.	1.0000	56	6.00	0.0228	0.7746
57	6.40	0.0241	0.7946	57	1.60	0.	1.0000	57	6.40	0.0248	0.7993
58	6.80	0.0235	0.8182	58	1.70	0.	1.0000	58	6.80	0.0244	0.8237
59	7.20	0.0273	0.8455	59	1.80	0.	1.0000	59	7.20	0.0245	0.8482
60	7.60	0.0244	0.8699	60	1.90	0.	1.0000	60	7.60	0.0256	0.8738
61	8.00	0.0232	0.8931	61	2.00	0.	1.0000	61	8.00	0.0210	0.8948
62	8.40	0.0224	0.9155	62	2.10	0.	1.0000	62	8.40	0.0208	0.9156
63	8.80	0.0217	0.9371	63	2.20	0.	1.0000	63	8.80	0.0195	0.9351
64	9.20	0.0153	0.9524	64	2.30	0.	1.0000	64	9.20	0.0153	0.9505
65	9.60	0.0103	0.9627	65	2.40	0.	1.0000	65	9.60	0.0130	0.9634
66	10.00	0.0092	0.9709	66	2.50	0.	1.0000	66	10.00	0.0080	0.9714
67	10.40	0.0091	0.9800	67	2.60	0.	1.0000	67	10.40	0.0077	0.9791
68	10.80	0.0062	0.9862	68	2.70	0.	1.0000	68	10.80	0.0059	0.9851
69	11.20	0.0054	0.9916	69	2.80	0.	1.0000	69	11.20	0.0054	0.9904
70	11.60	0.0042	0.9957	70	2.90	0.	1.0000	70	11.60	0.0045	0.9948
71	12.00	0.0029	0.9986	71	3.00	0.	1.0000	71	12.00	0.0025	0.9973
72	12.40	0.0014	1.0000	72	3.10	0.	1.0000	72	12.40	0.0018	0.9991
73	12.80	0.	1.0000	73	3.20	0.	1.0000	73	12.80	0.0007	0.9998
74	13.20	0.	1.0000	74	3.30	0.	1.0000	74	13.20	0.0002	1.0000
75	13.60	0.	1.0000	75	3.40	0.	1.0000	75	13.60	0.	1.0000
76	14.00	0.	1.0000	76	3.50	0.	1.0000	76	14.00	0.	1.0000
77	14.40	0.	1.0000	77	3.60	0.	1.0000	77	14.40	0.	1.0000
78	14.80	0.	1.0000	78	3.70	0.	1.0000	78	14.80	0.	1.0000
79	15.20	0.	1.0000	79	3.80	0.	1.0000	79	15.20	0.	1.0000
80	15.60	0.	1.0000	80	3.90	0.	1.0000	80	15.60	0.	1.0000
81	16.00	0.	1.0000	81	4.00	0.	1.0000	81	16.00	0.	1.0000

I - INTERVAL NUMBER X - INTERVAL CENTER VALUE

P(X) - PROBABILITY MASS FUNCTION F(X) - CUMULATIVE DISTRIBUTION FUNCTION

EASTPORT ME.

STATISTICS FOR OCTOBER

ASTRONOMICAL TIDE				STORM SURGE				TOTAL WATER LEVEL			
MEAN-0.00 STND DEV 6.40				MEAN 0.05 STND DEV 0.39				MEAN 0.04 STND DEV 6.43			
I	X	P(X)	F(X)	I	X	P(X)	F(X)	I	X	P(X)	F(X)
1	-16.00	0.	0.	1	-4.00	0.	0.	1	-16.00	0.	0.
2	-15.60	0.	0.	2	-3.90	0.	0.	2	-15.60	0.	0.
3	-15.20	0.	0.	3	-3.80	0.	0.	3	-15.20	0.	0.
4	-14.80	0.	0.	4	-3.70	0.	0.	4	-14.80	0.	0.
5	-14.40	0.	0.	5	-3.60	0.	0.	5	-14.40	0.	0.
6	-14.00	0.	0.	6	-3.50	0.	0.	6	-14.00	0.	0.
7	-13.60	0.	0.	7	-3.40	0.	0.	7	-13.60	0.	0.
8	-13.20	0.0002	0.0002	8	-3.30	0.	0.	8	-13.20	0.0002	0.0002
9	-12.80	0.0008	0.0010	9	-3.20	0.	0.	9	-12.80	0.0014	0.0016
10	-12.40	0.0020	0.0029	10	-3.10	0.	0.	10	-12.40	0.0027	0.0043
11	-12.00	0.0032	0.0061	11	-3.00	0.	0.	11	-12.00	0.0030	0.0073
12	-11.60	0.0047	0.0108	12	-2.90	0.	0.	12	-11.60	0.0047	0.0120
13	-11.20	0.0061	0.0168	13	-2.80	0.	0.	13	-11.20	0.0054	0.0174
14	-10.80	0.0068	0.0236	14	-2.70	0.	0.	14	-10.80	0.0068	0.0242
15	-10.40	0.0083	0.0319	15	-2.60	0.	0.	15	-10.40	0.0087	0.0329
16	-10.00	0.0089	0.0407	16	-2.50	0.	0.	16	-10.00	0.0103	0.0432
17	-9.60	0.0124	0.0533	17	-2.40	0.	0.	17	-9.60	0.0150	0.0582
18	-9.20	0.0180	0.0713	18	-2.30	0.	0.	18	-9.20	0.0146	0.0728
19	-8.80	0.0210	0.0923	19	-2.20	0.	0.	19	-8.80	0.0210	0.0937
20	-8.40	0.0210	0.1132	20	-2.10	0.	0.	20	-8.40	0.0195	0.1133
21	-8.00	0.0232	0.1365	21	-2.00	0.	0.	21	-8.00	0.0220	0.1352
22	-7.60	0.0241	0.1606	22	-1.90	0.	0.	22	-7.60	0.0256	0.1608
23	-7.20	0.0234	0.1840	23	-1.80	0.	0.	23	-7.20	0.0213	0.1821
24	-6.80	0.0262	0.2102	24	-1.70	0.0001	0.0001	24	-6.80	0.0230	0.2051
25	-6.40	0.0220	0.2321	25	-1.60	0.0001	0.0002	25	-6.40	0.0219	0.2270
26	-6.00	0.0233	0.2555	26	-1.50	0.0001	0.0003	26	-6.00	0.0217	0.2487
27	-5.60	0.0206	0.2760	27	-1.40	0.0001	0.0003	27	-5.60	0.0223	0.2710
28	-5.20	0.0192	0.2952	28	-1.30	0.0004	0.0008	28	-5.20	0.0177	0.2887
29	-4.80	0.0176	0.3129	29	-1.20	0.0009	0.0016	29	-4.80	0.0203	0.3090
30	-4.40	0.0158	0.3287	30	-1.10	0.0011	0.0027	30	-4.40	0.0155	0.3245
31	-4.00	0.0187	0.3473	31	-1.00	0.0019	0.0046	31	-4.00	0.0194	0.3442
32	-3.60	0.0160	0.3633	32	-0.90	0.0041	0.0087	32	-3.60	0.0152	0.3595
33	-3.20	0.0168	0.3801	33	-0.80	0.0072	0.0159	33	-3.20	0.0179	0.3774
34	-2.80	0.0163	0.3964	34	-0.70	0.0144	0.0303	34	-2.80	0.0157	0.3931
35	-2.40	0.0153	0.4116	35	-0.60	0.0220	0.0522	35	-2.40	0.0150	0.4081
36	-2.00	0.0156	0.4272	36	-0.50	0.0396	0.0918	36	-2.00	0.0161	0.4242
37	-1.60	0.0161	0.4433	37	-0.40	0.0533	0.1450	37	-1.60	0.0159	0.4401
38	-1.20	0.0157	0.4590	38	-0.30	0.0740	0.2190	38	-1.20	0.0165	0.4566
39	-0.80	0.0156	0.4745	39	-0.20	0.0898	0.3088	39	-0.80	0.0166	0.4731
40	-0.40	0.0148	0.4894	40	-0.10	0.1009	0.4097	40	-0.40	0.0157	0.4888
41	0.	0.0161	0.5055	41	0.	0.1074	0.5172	41	0.	0.0150	0.5038
42	0.40	0.0151	0.5206	42	0.10	0.1013	0.6185	42	0.40	0.0162	0.5200
43	0.80	0.0162	0.5368	43	0.20	0.0920	0.7105	43	0.80	0.0175	0.5375
44	1.20	0.0159	0.5527	44	0.30	0.0840	0.7945	44	1.20	0.0150	0.5525
45	1.60	0.0137	0.5664	45	0.40	0.0603	0.8548	45	1.60	0.0159	0.5684
46	2.00	0.0170	0.5834	46	0.50	0.0471	0.9019	46	2.00	0.0162	0.5846
47	2.40	0.0161	0.5995	47	0.60	0.0317	0.9336	47	2.40	0.0155	0.6001
48	2.80	0.0173	0.6168	48	0.70	0.0244	0.9580	48	2.80	0.0177	0.6177
49	3.20	0.0179	0.6347	49	0.80	0.0180	0.9760	49	3.20	0.0173	0.6351
50	3.60	0.0149	0.6496	50	0.90	0.0104	0.9864	50	3.60	0.0153	0.6504
51	4.00	0.0167	0.6663	51	1.00	0.0063	0.9927	51	4.00	0.0164	0.6668
52	4.40	0.0188	0.6851	52	1.10	0.0030	0.9956	52	4.40	0.0190	0.6858
53	4.80	0.0186	0.7037	53	1.20	0.0021	0.9977	53	4.80	0.0208	0.7066
54	5.20	0.0217	0.7254	54	1.30	0.0012	0.9989	54	5.20	0.0197	0.7263
55	5.60	0.0209	0.7463	55	1.40	0.0004	0.9993	55	5.60	0.0205	0.7468
56	6.00	0.0227	0.7690	56	1.50	0.0003	0.9997	56	6.00	0.0221	0.7689
57	6.40	0.0242	0.7932	57	1.60	0.0001	0.9998	57	6.40	0.0236	0.7924
58	6.80	0.0276	0.8208	58	1.70	0.0001	0.9998	58	6.80	0.0261	0.8185
59	7.20	0.0248	0.8455	59	1.80	0.	0.9998	59	7.20	0.0230	0.8415
60	7.60	0.0240	0.8695	60	1.90	0.	0.9998	60	7.60	0.0249	0.8664
61	8.00	0.0240	0.8935	61	2.00	0.0001	0.9999	61	8.00	0.0210	0.8874
62	8.40	0.0223	0.9158	62	2.10	0.	0.9999	62	8.40	0.0211	0.9086
63	8.80	0.0174	0.9332	63	2.20	0.0001	1.0000	63	8.80	0.0177	0.9262
64	9.20	0.0167	0.9499	64	2.30	0.	1.0000	64	9.20	0.0159	0.9421
65	9.60	0.0108	0.9607	65	2.40	0.	1.0000	65	9.60	0.0129	0.9550
66	10.00	0.0098	0.9705	66	2.50	0.	1.0000	66	10.00	0.0105	0.9654
67	10.40	0.0078	0.9783	67	2.60	0.	1.0000	67	10.40	0.0097	0.9752
68	10.80	0.0063	0.9846	68	2.70	0.	1.0000	68	10.80	0.0058	0.9809
69	11.20	0.0059	0.9905	69	2.80	0.	1.0000	69	11.20	0.0048	0.9857
70	11.60	0.0039	0.9944	70	2.90	0.	1.0000	70	11.60	0.0052	0.9910
71	12.00	0.0033	0.9977	71	3.00	0.	1.0000	71	12.00	0.0039	0.9948
72	12.40	0.0017	0.9994	72	3.10	0.	1.0000	72	12.40	0.0029	0.9977
73	12.80	0.0006	1.0000	73	3.20	0.	1.0000	73	12.80	0.0018	0.9995
74	13.20	0.	1.0000	74	3.30	0.	1.0000	74	13.20	0.0005	1.0000
75	13.60	0.	1.0000	75	3.40	0.	1.0000	75	13.60	0.	1.0000
76	14.00	0.	1.0000	76	3.50	0.	1.0000	76	14.00	0.	1.0000
77	14.40	0.	1.0000	77	3.60	0.	1.0000	77	14.40	0.	1.0000
78	14.80	0.	1.0000	78	3.70	0.	1.0000	78	14.80	0.	1.0000
79	15.20	0.	1.0000	79	3.80	0.	1.0000	79	15.20	0.	1.0000
80	15.60	0.	1.0000	80	3.90	0.	1.0000	80	15.60	0.	1.0000
81	16.00	0.	1.0000	81	4.00	0.	1.0000	81	16.00	0.	1.0000

I - INTERVAL NUMBER X - INTERVAL CENTER VALUE

P(X) - PROBABILITY MASS FUNCTION F(X) - CUMULATIVE DISTRIBUTION FUNCTION

EASTPORT ME.

STATISTICS FOR NOVEMBER

ASTRONOMICAL TIDE				STORM SURGE				TOTAL WATER LEVEL			
MEAN-0.01		STND DEV 6.36		MEAN 0.13		STND DEV 0.47		MEAN 0.12		STND DEV 6.39	
I	X	P(X)	F(X)	I	X	P(X)	F(X)	I	X	P(X)	F(X)
1	-16.00	0.	0.	1	-4.00	0.	0.	1	-16.00	0.	0.
2	-15.60	0.	0.	2	-3.90	0.	0.	2	-15.60	0.	0.
3	-15.20	0.	0.	3	-3.80	0.	0.	3	-15.20	0.	0.
4	-14.80	0.	0.	4	-3.70	0.	0.	4	-14.80	0.	0.
5	-14.40	0.	0.	5	-3.60	0.	0.	5	-14.40	0.	0.
6	-14.00	0.	0.	6	-3.50	0.	0.	6	-14.00	0.	0.
7	-13.60	0.	0.	7	-3.40	0.	0.	7	-13.60	0.	0.
8	-13.20	0.	0.	8	-3.30	0.	0.	8	-13.20	0.0004	0.0004
9	-12.80	0.0009	0.0009	9	-3.20	0.	0.	9	-12.80	0.0012	0.0016
10	-12.40	0.0009	0.0017	10	-3.10	0.	0.	10	-12.40	0.0010	0.0026
11	-12.00	0.0031	0.0048	11	-3.00	0.	0.	11	-12.00	0.0025	0.0051
12	-11.60	0.0033	0.0081	12	-2.90	0.	0.	12	-11.60	0.0027	0.0077
13	-11.20	0.0046	0.0127	13	-2.80	0.	0.	13	-11.20	0.0052	0.0129
14	-10.80	0.0066	0.0193	14	-2.70	0.	0.	14	-10.60	0.0070	0.0199
15	-10.40	0.0088	0.0281	15	-2.60	0.	0.	15	-10.40	0.0071	0.0270
16	-10.00	0.0090	0.0371	16	-2.50	0.	0.	16	-10.00	0.0084	0.0353
17	-9.60	0.0131	0.0502	17	-2.40	0.	0.	17	-9.60	0.0133	0.0486
18	-9.20	0.0168	0.0670	18	-2.30	0.	0.	18	-9.20	0.0169	0.0655
19	-8.80	0.0219	0.0889	19	-2.20	0.	0.	19	-8.80	0.0197	0.0852
20	-8.40	0.0222	0.1111	20	-2.10	0.	0.	20	-8.40	0.0202	0.1054
21	-8.00	0.0251	0.1362	21	-2.00	0.	0.	21	-8.00	0.0250	0.1304
22	-7.60	0.0268	0.1630	22	-1.90	0.	0.	22	-7.60	0.0232	0.1536
23	-7.20	0.0242	0.1872	23	-1.80	0.	0.	23	-7.20	0.0261	0.1797
24	-6.80	0.0244	0.2115	24	-1.70	0.	0.	24	-6.80	0.0219	0.2016
25	-6.40	0.0216	0.2331	25	-1.60	0.0002	0.0002	25	-6.40	0.0209	0.2225
26	-6.00	0.0218	0.2549	26	-1.50	0.0002	0.0004	26	-6.00	0.0206	0.2431
27	-5.60	0.0211	0.2760	27	-1.40	0.0006	0.0011	27	-5.60	0.0236	0.2668
28	-5.20	0.0197	0.2956	28	-1.30	0.0010	0.0020	28	-5.20	0.0203	0.2871
29	-4.80	0.0185	0.3141	29	-1.20	0.0010	0.0030	29	-4.80	0.0168	0.3038
30	-4.40	0.0169	0.3310	30	-1.10	0.0012	0.0042	30	-4.40	0.0211	0.3249
31	-4.00	0.0171	0.3481	31	-1.00	0.0037	0.0078	31	-4.00	0.0158	0.3406
32	-3.60	0.0164	0.3644	32	-0.90	0.0069	0.0147	32	-3.60	0.0155	0.3561
33	-3.20	0.0161	0.3806	33	-0.80	0.0093	0.0240	33	-3.20	0.0163	0.3724
34	-2.80	0.0158	0.3964	34	-0.70	0.0174	0.0415	34	-2.80	0.0178	0.3903
35	-2.40	0.0145	0.4109	35	-0.60	0.0262	0.0677	35	-2.40	0.0145	0.4048
36	-2.00	0.0161	0.4270	36	-0.50	0.0358	0.1034	36	-2.00	0.0141	0.4188
37	-1.60	0.0173	0.4443	37	-0.40	0.0426	0.1461	37	-1.60	0.0194	0.4383
38	-1.20	0.0144	0.4588	38	-0.30	0.0609	0.2069	38	-1.20	0.0166	0.4549
39	-0.80	0.0162	0.4750	39	-0.20	0.0713	0.2782	39	-0.80	0.0155	0.4704
40	-0.40	0.0138	0.4888	40	-0.10	0.0824	0.3606	40	-0.40	0.0136	0.4839
41	0.	0.0170	0.5058	41	0.	0.0792	0.4398	41	0.	0.0169	0.5028
42	0.40	0.0160	0.5218	42	0.10	0.0916	0.5314	42	0.40	0.0151	0.5179
43	0.80	0.0158	0.5376	43	0.20	0.0958	0.6272	43	0.80	0.0162	0.5342
44	1.20	0.0145	0.5521	44	0.30	0.0752	0.7023	44	1.20	0.0144	0.5485
45	1.60	0.0149	0.5670	45	0.40	0.0676	0.7699	45	1.60	0.0162	0.5648
46	2.00	0.0161	0.5831	46	0.50	0.0572	0.8271	46	2.00	0.0155	0.5802
47	2.40	0.0158	0.5989	47	0.60	0.0434	0.8705	47	2.40	0.0170	0.5972
48	2.80	0.0173	0.6162	48	0.70	0.0363	0.9068	48	2.80	0.0176	0.6148
49	3.20	0.0170	0.6332	49	0.80	0.0286	0.9354	49	3.20	0.0177	0.6325
50	3.60	0.0161	0.6494	50	0.90	0.0194	0.9548	50	3.60	0.0159	0.6484
51	4.00	0.0177	0.6671	51	1.00	0.0121	0.9669	51	4.00	0.0171	0.6655
52	4.40	0.0191	0.6862	52	1.10	0.0080	0.9750	52	4.40	0.0178	0.6833
53	4.80	0.0171	0.7033	53	1.20	0.0075	0.9825	53	4.80	0.0162	0.6995
54	5.20	0.0212	0.7245	54	1.30	0.0057	0.9882	54	5.20	0.0202	0.7197
55	5.60	0.0185	0.7430	55	1.40	0.0032	0.9914	55	5.60	0.0214	0.7411
56	6.00	0.0243	0.7672	56	1.50	0.0037	0.9951	56	6.00	0.0214	0.7625
57	6.40	0.0253	0.7925	57	1.60	0.0020	0.9971	57	6.40	0.0260	0.7885
58	6.80	0.0243	0.8168	58	1.70	0.0013	0.9984	58	6.80	0.0233	0.8118
59	7.20	0.0279	0.8447	59	1.80	0.0005	0.9989	59	7.20	0.0220	0.8338
60	7.60	0.0256	0.8703	60	1.90	0.0003	0.9993	60	7.60	0.0255	0.8592
61	8.00	0.0264	0.8967	61	2.00	0.	0.9993	61	8.00	0.0266	0.8858
62	8.40	0.0217	0.9184	62	2.10	0.0001	0.9994	62	8.40	0.0203	0.9061
63	8.80	0.0194	0.9378	63	2.20	0.0002	0.9996	63	8.80	0.0197	0.9258
64	9.20	0.0161	0.9540	64	2.30	0.0001	0.9997	64	9.20	0.0175	0.9433
65	9.60	0.0121	0.9660	65	2.40	0.0002	0.9999	65	9.60	0.0135	0.9568
66	10.00	0.0089	0.9749	66	2.50	0.0001	1.0000	66	10.00	0.0116	0.9684
67	10.40	0.0080	0.9829	67	2.60	0.	1.0000	67	10.40	0.0103	0.9787
68	10.80	0.0062	0.9891	68	2.70	0.	1.0000	68	10.80	0.0055	0.9842
69	11.20	0.0033	0.9924	69	2.80	0.	1.0000	69	11.20	0.0053	0.9895
70	11.60	0.0036	0.9961	70	2.90	0.	1.0000	70	11.60	0.0034	0.9929
71	12.00	0.0021	0.9982	71	3.00	0.	1.0000	71	12.00	0.0029	0.9958
72	12.40	0.0012	0.9994	72	3.10	0.	1.0000	72	12.40	0.0017	0.9975
73	12.80	0.0006	1.0000	73	3.20	0.	1.0000	73	12.80	0.0015	0.9990
74	13.20	0.	1.0000	74	3.30	0.	1.0000	74	13.20	0.0008	0.9998
75	13.60	0.	1.0000	75	3.40	0.	1.0000	75	13.60	0.	0.9998
76	14.00	0.	1.0000	76	3.50	0.	1.0000	76	14.00	0.0001	0.9999
77	14.40	0.	1.0000	77	3.60	0.	1.0000	77	14.40	0.0001	1.0000
78	14.80	0.	1.0000	78	3.70	0.	1.0000	78	14.80	0.	1.0000
79	15.20	0.	1.0000	79	3.80	0.	1.0000	79	15.20	0.	1.0000
80	15.60	0.	1.0000	80	3.90	0.	1.0000	80	15.60	0.	1.0000
81	16.00	0.	1.0000	81	4.00	0.	1.0000	81	16.00	0.	1.0000

I - INTERVAL NUMBER X - INTERVAL CENTER VALUE

P(X) - PROBABILITY MASS FUNCTION F(X) - CUMULATIVE DISTRIBUTION FUNCTION

EASTPORT ME.

STATISTICS FOR DECEMBER

ASTRONOMICAL TIDE				STORM SURGE				TOTAL WATER LEVEL			
MEAN-0.01		STND DEV 6.31		MEAN 0.02		STND DEV 0.50		MEAN 0.01		STND DEV 6.34	
I	X	P(X)	F(X)	I	X	P(X)	F(X)	I	X	P(X)	F(X)
1	-16.00	0.	0.	1	-4.00	0.	0.	1	-16.00	0.	0.
2	-15.60	0.	0.	2	-3.90	0.	0.	2	-15.60	0.	0.
3	-15.20	0.	0.	3	-3.80	0.	0.	3	-15.20	0.	0.
4	-14.80	0.	0.	4	-3.70	0.	0.	4	-14.80	0.	0.
5	-14.40	0.	0.	5	-3.60	0.	0.	5	-14.40	0.	0.
6	-14.00	0.	0.	6	-3.50	0.	0.	6	-14.00	0.	0.
7	-13.60	0.	0.	7	-3.40	0.	0.	7	-13.60	0.0001	0.0001
8	-13.20	0.	0.	8	-3.30	0.	0.	8	-13.20	0.0005	0.0006
9	-12.80	0.0002	0.0002	9	-3.20	0.	0.	9	-12.80	0.0005	0.0011
10	-12.40	0.0012	0.0013	10	-3.10	0.	0.	10	-12.40	0.0013	0.0023
11	-12.00	0.0019	0.0032	11	-3.00	0.	0.	11	-12.00	0.0020	0.0043
12	-11.60	0.0022	0.0055	12	-2.90	0.	0.	12	-11.60	0.0030	0.0073
13	-11.20	0.0042	0.0097	13	-2.80	0.0001	0.0001	13	-11.20	0.0043	0.0116
14	-10.80	0.0050	0.0147	14	-2.70	0.	0.0001	14	-10.80	0.0059	0.0175
15	-10.40	0.0074	0.0221	15	-2.60	0.	0.0001	15	-10.40	0.0081	0.0255
16	-10.00	0.0112	0.0333	16	-2.50	0.	0.0001	16	-10.00	0.0103	0.0358
17	-9.60	0.0127	0.0461	17	-2.40	0.	0.0001	17	-9.60	0.0147	0.0505
18	-9.20	0.0172	0.0633	18	-2.30	0.	0.0001	18	-9.20	0.0175	0.0680
19	-8.80	0.0209	0.0841	19	-2.20	0.	0.0001	19	-8.80	0.0196	0.0876
20	-8.40	0.0227	0.1068	20	-2.10	0.0001	0.0002	20	-8.40	0.0212	0.1088
21	-8.00	0.0259	0.1327	21	-2.00	0.0004	0.0005	21	-8.00	0.0227	0.1315
22	-7.60	0.0272	0.1600	22	-1.90	0.	0.0005	22	-7.60	0.0261	0.1575
23	-7.20	0.0281	0.1880	23	-1.80	0.0001	0.0006	23	-7.20	0.0267	0.1842
24	-6.80	0.0256	0.2136	24	-1.70	0.0004	0.0010	24	-6.80	0.0235	0.2077
25	-6.40	0.0248	0.2384	25	-1.60	0.0005	0.0015	25	-6.40	0.0242	0.2319
26	-6.00	0.0195	0.2580	26	-1.50	0.0008	0.0023	26	-6.00	0.0212	0.2531
27	-5.60	0.0173	0.2753	27	-1.40	0.0025	0.0048	27	-5.60	0.0190	0.2720
28	-5.20	0.0204	0.2957	28	-1.30	0.0031	0.0079	28	-5.20	0.0194	0.2914
29	-4.80	0.0178	0.3135	29	-1.20	0.0050	0.0129	29	-4.80	0.0173	0.3087
30	-4.40	0.0171	0.3307	30	-1.10	0.0049	0.0178	30	-4.40	0.0172	0.3259
31	-4.00	0.0167	0.3473	31	-1.00	0.0079	0.0257	31	-4.00	0.0191	0.3450
32	-3.60	0.0175	0.3648	32	-0.90	0.0116	0.0373	32	-3.60	0.0147	0.3597
33	-3.20	0.0156	0.3804	33	-0.80	0.0157	0.0530	33	-3.20	0.0163	0.3760
34	-2.80	0.0161	0.3965	34	-0.70	0.0212	0.0741	34	-2.80	0.0174	0.3934
35	-2.40	0.0164	0.4129	35	-0.60	0.0348	0.1089	35	-2.40	0.0185	0.4118
36	-2.00	0.0143	0.4272	36	-0.50	0.0415	0.1504	36	-2.00	0.0152	0.4271
37	-1.60	0.0163	0.4436	37	-0.40	0.0554	0.2058	37	-1.60	0.0151	0.4421
38	-1.20	0.0151	0.4587	38	-0.30	0.0733	0.2821	38	-1.20	0.0160	0.4581
39	-0.80	0.0156	0.4743	39	-0.20	0.0788	0.3608	39	-0.80	0.0154	0.4735
40	-0.40	0.0157	0.4900	40	-0.10	0.0849	0.4457	40	-0.40	0.0160	0.4895
41	0.	0.0156	0.5056	41	0.	0.0915	0.5372	41	0.	0.0154	0.5049
42	0.40	0.0160	0.5216	42	0.10	0.0891	0.6263	42	0.40	0.0169	0.5218
43	0.80	0.0151	0.5367	43	0.20	0.0819	0.7082	43	0.80	0.0169	0.5386
44	1.20	0.0165	0.5532	44	0.30	0.0685	0.7766	44	1.20	0.0163	0.5549
45	1.60	0.0144	0.5677	45	0.40	0.0573	0.8339	45	1.60	0.0170	0.5720
46	2.00	0.0172	0.5849	46	0.50	0.0456	0.8795	46	2.00	0.0145	0.5865
47	2.40	0.0153	0.6002	47	0.60	0.0300	0.9095	47	2.40	0.0150	0.6014
48	2.80	0.0167	0.6169	48	0.70	0.0213	0.9308	48	2.80	0.0159	0.6173
49	3.20	0.0164	0.6332	49	0.80	0.0163	0.9471	49	3.20	0.0178	0.6351
50	3.60	0.0154	0.6487	50	0.90	0.0118	0.9590	50	3.60	0.0173	0.6524
51	4.00	0.0188	0.6675	51	1.00	0.0105	0.9694	51	4.00	0.0152	0.6677
52	4.40	0.0170	0.6845	52	1.10	0.0081	0.9775	52	4.40	0.0190	0.6867
53	4.80	0.0189	0.7034	53	1.20	0.0061	0.9836	53	4.80	0.0194	0.7060
54	5.20	0.0194	0.7228	54	1.30	0.0046	0.9882	54	5.20	0.0182	0.7242
55	5.60	0.0194	0.7422	55	1.40	0.0039	0.9921	55	5.60	0.0217	0.7459
56	6.00	0.0249	0.7671	56	1.50	0.0022	0.9944	56	6.00	0.0219	0.7677
57	6.40	0.0235	0.7906	57	1.60	0.0015	0.9959	57	6.40	0.0232	0.7910
58	6.80	0.0277	0.8183	58	1.70	0.0013	0.9972	58	6.80	0.0291	0.8201
59	7.20	0.0281	0.8463	59	1.80	0.0008	0.9980	59	7.20	0.0256	0.8457
60	7.60	0.0280	0.8743	60	1.90	0.0005	0.9986	60	7.60	0.0249	0.8706
61	8.00	0.0237	0.8979	61	2.00	0.0005	0.9991	61	8.00	0.0233	0.8939
62	8.40	0.0246	0.9225	62	2.10	0.0005	0.9996	62	8.40	0.0225	0.9164
63	8.80	0.0212	0.9436	63	2.20	0.0003	0.9998	63	8.80	0.0212	0.9375
64	9.20	0.0156	0.9592	64	2.30	0.0001	0.9999	64	9.20	0.0142	0.9517
65	9.60	0.0111	0.9703	65	2.40	0.	0.9999	65	9.60	0.0141	0.9658
66	10.00	0.0097	0.9800	66	2.50	0.0001	1.0000	66	10.00	0.0096	0.9754
67	10.40	0.0063	0.9863	67	2.60	0.	1.0000	67	10.40	0.0083	0.9837
68	10.80	0.0047	0.9910	68	2.70	0.	1.0000	68	10.80	0.0046	0.9883
69	11.20	0.0039	0.9948	69	2.80	0.	1.0000	69	11.20	0.0048	0.9930
70	11.60	0.0023	0.9971	70	2.90	0.	1.0000	70	11.60	0.0030	0.9960
71	12.00	0.0018	0.9989	71	3.00	0.	1.0000	71	12.00	0.0016	0.9976
72	12.40	0.0010	0.9999	72	3.10	0.	1.0000	72	12.40	0.0016	0.9992
73	12.80	0.0001	1.0000	73	3.20	0.	1.0000	73	12.80	0.0006	0.9998
74	13.20	0.	1.0000	74	3.30	0.	1.0000	74	13.20	0.0002	1.0000
75	13.60	0.	1.0000	75	3.40	0.	1.0000	75	13.60	0.	1.0000
76	14.00	0.	1.0000	76	3.50	0.	1.0000	76	14.00	0.	1.0000
77	14.40	0.	1.0000	77	3.60	0.	1.0000	77	14.40	0.	1.0000
78	14.80	0.	1.0000	78	3.70	0.	1.0000	78	14.80	0.	1.0000
79	15.20	0.	1.0000	79	3.80	0.	1.0000	79	15.20	0.	1.0000
80	15.60	0.	1.0000	80	3.90	0.	1.0000	80	15.60	0.	1.0000
81	16.00	0.	1.0000	81	4.00	0.	1.0000	81	16.00	0.	1.0000

I - INTERVAL NUMBER X - INTERVAL CENTER VALUE

P(X) - PROBABILITY MASS FUNCTION F(X) - CUMULATIVE DISTRIBUTION FUNCTION

BAR HARBOR ME.

YEARLY STATISTICS

ASTRONOMICAL TIDE

MEAN-0.00 STND DEV 3.80

I	X	P(X)	F(X)
1	-8.00	0.	0.
2	-7.80	0.0000	0.0000
3	-7.60	0.0003	0.0003
4	-7.40	0.0008	0.0012
5	-7.20	0.0016	0.0027
6	-7.00	0.0024	0.0051
7	-6.80	0.0032	0.0083
8	-6.60	0.0039	0.0122
9	-6.40	0.0053	0.0175
10	-6.20	0.0065	0.0239
11	-6.00	0.0076	0.0315
12	-5.80	0.0099	0.0414
13	-5.60	0.0125	0.0539
14	-5.40	0.0153	0.0692
15	-5.20	0.0177	0.0869
16	-5.00	0.0190	0.1059
17	-4.80	0.0198	0.1257
18	-4.60	0.0213	0.1470
19	-4.40	0.0223	0.1692
20	-4.20	0.0226	0.1918
21	-4.00	0.0218	0.2137
22	-3.80	0.0210	0.2347
23	-3.60	0.0200	0.2546
24	-3.40	0.0190	0.2736
25	-3.20	0.0176	0.2911
26	-3.00	0.0168	0.3080
27	-2.80	0.0155	0.3234
28	-2.60	0.0147	0.3381
29	-2.40	0.0146	0.3527
30	-2.20	0.0140	0.3667
31	-2.00	0.0133	0.3800
32	-1.80	0.0134	0.3934
33	-1.60	0.0134	0.4068
34	-1.40	0.0130	0.4198
35	-1.20	0.0122	0.4320
36	-1.00	0.0124	0.4444
37	-0.80	0.0128	0.4572
38	-0.60	0.0126	0.4698
39	-0.40	0.0120	0.4818
40	-0.20	0.0125	0.4943
41	0.	0.0120	0.5063
42	0.20	0.0122	0.5186
43	0.40	0.0124	0.5309
44	0.60	0.0122	0.5431
45	0.80	0.0131	0.5562
46	1.00	0.0126	0.5689
47	1.20	0.0121	0.5810
48	1.40	0.0130	0.5940
49	1.60	0.0128	0.6068
50	1.80	0.0134	0.6202
51	2.00	0.0140	0.6341
52	2.20	0.0137	0.6478
53	2.40	0.0147	0.6625
54	2.60	0.0147	0.6772
55	2.80	0.0157	0.6928
56	3.00	0.0167	0.7095
57	3.20	0.0176	0.7272
58	3.40	0.0185	0.7459
59	3.60	0.0194	0.7654
60	3.80	0.0216	0.7870
61	4.00	0.0223	0.8092
62	4.20	0.0226	0.8319
63	4.40	0.0219	0.8538
64	4.60	0.0209	0.8746
65	4.80	0.0203	0.8949
66	5.00	0.0185	0.9134
67	5.20	0.0165	0.9299
68	5.40	0.0151	0.9451
69	5.60	0.0119	0.9570
70	5.80	0.0094	0.9664
71	6.00	0.0084	0.9748
72	6.20	0.0064	0.9812
73	6.40	0.0050	0.9862
74	6.60	0.0044	0.9906
75	6.80	0.0032	0.9937
76	7.00	0.0026	0.9964
77	7.20	0.0018	0.9982
78	7.40	0.0010	0.9992
79	7.60	0.0006	0.9998
80	7.80	0.0002	1.0000
81	8.00	0.0000	1.0000

STORM SURGE

MEAN 0.01 STND DEV 0.39

I	X	P(X)	F(X)
1	-4.00	0.	0.
2	-3.90	0.	0.
3	-3.80	0.	0.
4	-3.70	0.	0.
5	-3.60	0.	0.
6	-3.50	0.	0.
7	-3.40	0.	0.
8	-3.30	0.	0.
9	-3.20	0.	0.
10	-3.10	0.	0.
11	-3.00	0.	0.
12	-2.90	0.	0.
13	-2.80	0.	0.
14	-2.70	0.	0.
15	-2.60	0.	0.
16	-2.50	0.	0.
17	-2.40	0.	0.
18	-2.30	0.	0.
19	-2.20	0.	0.
20	-2.10	0.	0.
21	-2.00	0.0000	0.0000
22	-1.90	0.0000	0.0000
23	-1.80	0.0001	0.0001
24	-1.70	0.0001	0.0002
25	-1.60	0.0003	0.0005
26	-1.50	0.0003	0.0008
27	-1.40	0.0007	0.0015
28	-1.30	0.0012	0.0027
29	-1.20	0.0016	0.0043
30	-1.10	0.0030	0.0072
31	-1.00	0.0037	0.0109
32	-0.90	0.0063	0.0172
33	-0.80	0.0087	0.0258
34	-0.70	0.0149	0.0407
35	-0.60	0.0237	0.0644
36	-0.50	0.0371	0.1015
37	-0.40	0.0542	0.1557
38	-0.30	0.0753	0.2310
39	-0.20	0.0969	0.3278
40	-0.10	0.1135	0.4413
41	0.	0.1188	0.5601
42	0.10	0.1115	0.6717
43	0.20	0.0939	0.7655
44	0.30	0.0731	0.8386
45	0.40	0.0513	0.8899
46	0.50	0.0362	0.9261
47	0.60	0.0245	0.9506
48	0.70	0.0157	0.9663
49	0.80	0.0111	0.9774
50	0.90	0.0070	0.9844
51	1.00	0.0050	0.9894
52	1.10	0.0032	0.9926
53	1.20	0.0023	0.9950
54	1.30	0.0016	0.9965
55	1.40	0.0011	0.9976
56	1.50	0.0006	0.9982
57	1.60	0.0006	0.9988
58	1.70	0.0005	0.9993
59	1.80	0.0003	0.9995
60	1.90	0.0002	0.9997
61	2.00	0.0001	0.9998
62	2.10	0.0000	0.9998
63	2.20	0.0000	0.9999
64	2.30	0.0001	0.9999
65	2.40	0.0000	1.0000
66	2.50	0.0000	1.0000
67	2.60	0.	1.0000
68	2.70	0.0000	1.0000
69	2.80	0.	1.0000
70	2.90	0.	1.0000
71	3.00	0.	1.0000
72	3.10	0.	1.0000
73	3.20	0.	1.0000
74	3.30	0.	1.0000
75	3.40	0.	1.0000
76	3.50	0.	1.0000
77	3.60	0.	1.0000
78	3.70	0.	1.0000
79	3.80	0.	1.0000
80	3.90	0.	1.0000
81	4.00	0.	1.0000

TOTAL WATER LEVEL

MEAN 0.01 STND DEV 3.82

I	X	P(X)	F(X)
1	-12.00	0.	0.
2	-11.60	0.	0.
3	-11.20	0.	0.
4	-10.80	0.	0.
5	-10.40	0.	0.
6	-10.00	0.	0.
7	-9.60	0.	0.
8	-9.20	0.	0.
9	-8.80	0.0000	0.0000
10	-8.40	0.0001	0.0001
11	-8.00	0.0005	0.0006
12	-7.60	0.0017	0.0023
13	-7.20	0.0038	0.0061
14	-6.80	0.0069	0.0130
15	-6.40	0.0113	0.0243
16	-6.00	0.0162	0.0406
17	-5.60	0.0247	0.0652
18	-5.20	0.0330	0.0982
19	-4.80	0.0393	0.1376
20	-4.40	0.0419	0.1795
21	-4.00	0.0408	0.2203
22	-3.60	0.0400	0.2603
23	-3.20	0.0355	0.2958
24	-2.80	0.0324	0.3282
25	-2.40	0.0297	0.3579
26	-2.00	0.0273	0.3852
27	-1.60	0.0272	0.4124
28	-1.20	0.0254	0.4378
29	-0.80	0.0248	0.4626
30	-0.40	0.0244	0.4870
31	0.	0.0249	0.5118
32	0.40	0.0245	0.5362
33	0.80	0.0250	0.5612
34	1.20	0.0234	0.5846
35	1.60	0.0258	0.6104
36	2.00	0.0282	0.6406
37	2.40	0.0294	0.6700
38	2.80	0.0322	0.7022
39	3.20	0.0364	0.7386
40	3.60	0.0396	0.7781
41	4.00	0.0413	0.8194
42	4.40	0.0428	0.8622
43	4.80	0.0385	0.9006
44	5.20	0.0331	0.9337
45	5.60	0.0247	0.9584
46	6.00	0.0173	0.9756
47	6.40	0.0118	0.9875
48	6.80	0.0067	0.9942
49	7.20	0.0038	0.9980
50	7.60	0.0014	0.9993
51	8.00	0.0006	0.9999
52	8.40	0.0001	1.0000
53	8.80	0.0000	1.0000
54	9.20	0.	1.0000
55	9.60	0.0000	1.0000
56	10.00	0.	1.0000
57	10.40	0.	1.0000
58	10.80	0.	1.0000
59	11.20	0.	1.0000
60	11.60	0.	1.0000
61	12.00	0.	1.0000

I - INTERVAL NUMBER X - INTERVAL CENTER VALUE

P(X) - PROBABILITY MASS FUNCTION F(X) - CUMULATIVE DISTRIBUTION FUNCTION

BAR HARBOR ME.

STATISTICS FOR JANUARY

ASTRONOMICAL TIDE				STORM SURGE				TOTAL WATER LEVEL			
MEAN-0.00		STND DEV 3.79		MEAN-0.02		STND DEV 0.52		MEAN-0.01		STND DEV 3.80	
I	X	P(X)	F(X)	I	X	P(X)	F(X)	I	X	P(X)	F(X)
1	-8.00	0.	0.	1	-4.00	0.	0.	1	-12.00	0.	0.
2	-7.80	0.	0.	2	-3.90	0.	0.	2	-11.60	0.	0.
3	-7.60	0.0001	0.0001	3	-3.80	0.	0.	3	-11.20	0.	0.
4	-7.40	0.0009	0.0010	4	-3.70	0.	0.	4	-10.80	0.	0.
5	-7.20	0.0013	0.0024	5	-3.60	0.	0.	5	-10.40	0.	0.
6	-7.00	0.0024	0.0048	6	-3.50	0.	0.	6	-10.00	0.	0.
7	-6.80	0.0033	0.0081	7	-3.40	0.	0.	7	-9.60	0.	0.
8	-6.60	0.0038	0.0119	8	-3.30	0.	0.	8	-9.20	0.	0.
9	-6.40	0.0050	0.0169	9	-3.20	0.	0.	9	-8.80	0.	0.
10	-6.20	0.0059	0.0228	10	-3.10	0.	0.	10	-8.40	0.	0.
11	-6.00	0.0072	0.0300	11	-3.00	0.	0.	11	-8.00	0.0009	0.0009
12	-5.80	0.0102	0.0402	12	-2.90	0.	0.	12	-7.60	0.0016	0.0025
13	-5.60	0.0130	0.0533	13	-2.80	0.	0.	13	-7.20	0.0040	0.0064
14	-5.40	0.0165	0.0698	14	-2.70	0.	0.	14	-6.80	0.0083	0.0147
15	-5.20	0.0162	0.0860	15	-2.60	0.	0.	15	-6.40	0.0120	0.0267
16	-5.00	0.0215	0.1075	16	-2.50	0.	0.	16	-6.00	0.0171	0.0438
17	-4.80	0.0180	0.1255	17	-2.40	0.	0.	17	-5.60	0.0244	0.0682
18	-4.60	0.0190	0.1445	18	-2.30	0.	0.	18	-5.20	0.0276	0.0959
19	-4.40	0.0237	0.1682	19	-2.20	0.	0.	19	-4.80	0.0391	0.1350
20	-4.20	0.0201	0.1883	20	-2.10	0.	0.	20	-4.40	0.0399	0.1748
21	-4.00	0.0229	0.2112	21	-2.00	0.	0.	21	-4.00	0.0426	0.2174
22	-3.80	0.0205	0.2317	22	-1.90	0.0001	0.0001	22	-3.60	0.0416	0.2590
23	-3.60	0.0234	0.2551	23	-1.80	0.0003	0.0004	23	-3.20	0.0337	0.2927
24	-3.40	0.0188	0.2739	24	-1.70	0.0004	0.0009	24	-2.80	0.0345	0.3272
25	-3.20	0.0170	0.2908	25	-1.60	0.0008	0.0016	25	-2.40	0.0311	0.3583
26	-3.00	0.0172	0.3080	26	-1.50	0.0009	0.0025	26	-2.00	0.0259	0.3842
27	-2.80	0.0161	0.3241	27	-1.40	0.0016	0.0041	27	-1.60	0.0280	0.4122
28	-2.60	0.0163	0.3405	28	-1.30	0.0039	0.0079	28	-1.20	0.0274	0.4396
29	-2.40	0.0159	0.3564	29	-1.20	0.0045	0.0124	29	-0.80	0.0245	0.4641
30	-2.20	0.0122	0.3686	30	-1.10	0.0098	0.0222	30	-0.40	0.0228	0.4869
31	-2.00	0.0110	0.3796	31	-1.00	0.0122	0.0344	31	0.	0.0252	0.5121
32	-1.80	0.0130	0.3926	32	-0.90	0.0184	0.0528	32	0.40	0.0273	0.5394
33	-1.60	0.0120	0.4046	33	-0.80	0.0234	0.0762	33	0.80	0.0240	0.5634
34	-1.40	0.0143	0.4188	34	-0.70	0.0329	0.1090	34	1.20	0.0273	0.5907
35	-1.20	0.0131	0.4320	35	-0.60	0.0428	0.1519	35	1.60	0.0270	0.6177
36	-1.00	0.0126	0.4446	36	-0.50	0.0441	0.1960	36	2.00	0.0243	0.6420
37	-0.80	0.0115	0.4561	37	-0.40	0.0606	0.2566	37	2.40	0.0307	0.6728
38	-0.60	0.0142	0.4702	38	-0.30	0.0668	0.3235	38	2.60	0.0330	0.7058
39	-0.40	0.0110	0.4812	39	-0.20	0.0791	0.4025	39	3.20	0.0408	0.7466
40	-0.20	0.0142	0.4954	40	-0.10	0.0775	0.4801	40	3.60	0.0357	0.7852
41	0.	0.0134	0.5088	41	0.	0.0770	0.5571	41	4.00	0.0405	0.8257
42	0.20	0.0110	0.5198	42	0.10	0.0823	0.6394	42	4.40	0.0397	0.8655
43	0.40	0.0125	0.5323	43	0.20	0.0688	0.7081	43	4.80	0.0372	0.9026
44	0.60	0.0120	0.5442	44	0.30	0.0645	0.7726	44	5.20	0.0337	0.9364
45	0.80	0.0117	0.5559	45	0.40	0.0581	0.8307	45	5.60	0.0232	0.9596
46	1.00	0.0130	0.5690	46	0.50	0.0445	0.8751	46	6.00	0.0192	0.9788
47	1.20	0.0121	0.5811	47	0.60	0.0325	0.9076	47	6.40	0.0100	0.9888
48	1.40	0.0144	0.5954	48	0.70	0.0238	0.9313	48	6.80	0.0070	0.9957
49	1.60	0.0126	0.6080	49	0.80	0.0189	0.9502	49	7.20	0.0019	0.9976
50	1.80	0.0131	0.6212	50	0.90	0.0129	0.9631	50	7.60	0.0016	0.9993
51	2.00	0.0131	0.6343	51	1.00	0.0120	0.9750	51	8.00	0.0005	0.9998
52	2.20	0.0127	0.6470	52	1.10	0.0072	0.9822	52	8.40	0.0001	0.9999
53	2.40	0.0150	0.6620	53	1.20	0.0056	0.9878	53	8.80	0.0001	1.0000
54	2.60	0.0156	0.6776	54	1.30	0.0039	0.9917	54	9.20	0.	1.0000
55	2.80	0.0165	0.6942	55	1.40	0.0028	0.9944	55	9.60	0.	1.0000
56	3.00	0.0186	0.7128	56	1.50	0.0016	0.9960	56	10.00	0.	1.0000
57	3.20	0.0176	0.7304	57	1.60	0.0012	0.9972	57	10.40	0.	1.0000
58	3.40	0.0178	0.7481	58	1.70	0.0010	0.9982	58	10.80	0.	1.0000
59	3.60	0.0176	0.7657	59	1.80	0.0002	0.9984	59	11.20	0.	1.0000
60	3.80	0.0228	0.7885	60	1.90	0.0006	0.9990	60	11.60	0.	1.0000
61	4.00	0.0225	0.8110	61	2.00	0.0001	0.9991	61	12.00	0.	1.0000
62	4.20	0.0233	0.8343	62	2.10	0.	0.9991				
63	4.40	0.0219	0.8562	63	2.20	0.0002	0.9994				
64	4.60	0.0193	0.8755	64	2.30	0.0002	0.9996				
65	4.80	0.0192	0.8948	65	2.40	0.0002	0.9998				
66	5.00	0.0159	0.9107	66	2.50	0.0001	0.9999				
67	5.20	0.0159	0.9266	67	2.60	0.	0.9999				
68	5.40	0.0166	0.9432	68	2.70	0.0001	1.0000				
69	5.60	0.0131	0.9564	69	2.80	0.	1.0000				
70	5.80	0.0097	0.9661	70	2.90	0.	1.0000				
71	6.00	0.0098	0.9759	71	3.00	0.	1.0000				
72	6.20	0.0061	0.9820	72	3.10	0.	1.0000				
73	6.40	0.0043	0.9864	73	3.20	0.	1.0000				
74	6.60	0.0043	0.9907	74	3.30	0.	1.0000				
75	6.80	0.0036	0.9943	75	3.40	0.	1.0000				
76	7.00	0.0025	0.9968	76	3.50	0.	1.0000				
77	7.20	0.0018	0.9986	77	3.60	0.	1.0000				
78	7.40	0.0011	0.9997	78	3.70	0.	1.0000				
79	7.60	0.0003	1.0000	79	3.80	0.	1.0000				
80	7.80	0.	1.0000	80	3.90	0.	1.0000				
81	8.00	0.	1.0000	81	4.00	0.	1.0000				

I - INTERVAL NUMBER X - INTERVAL CENTER VALUE

P(X) - PROBABILITY MASS FUNCTION F(X) - CUMULATIVE DISTRIBUTION FUNCTION

BAR HARBOR ME.

STATISTICS FOR FEBRUARY

ASTRONOMICAL TIDE				STORM SURGE				TOTAL WATER LEVEL			
MEAN-0.00		STND DEV 3.81		MEAN-0.07		STND DEV 0.49		MEAN-0.07		STND DEV 3.84	
I	X	P(X)	F(X)	I	X	P(X)	F(X)	I	X	P(X)	F(X)
1	-8.00	0.	0.	1	-4.00	0.	0.	1	-12.00	0.	0.
2	-7.80	0.	0.	2	-3.90	0.	0.	2	-11.60	0.	0.
3	-7.60	0.0004	0.0004	3	-3.80	0.	0.	3	-11.20	0.	0.
4	-7.40	0.0005	0.0009	4	-3.70	0.	0.	4	-10.80	0.	0.
5	-7.20	0.0022	0.0031	5	-3.60	0.	0.	5	-10.40	0.	0.
6	-7.00	0.0022	0.0053	6	-3.50	0.	0.	6	-10.00	0.	0.
7	-6.80	0.0046	0.0098	7	-3.40	0.	0.	7	-9.60	0.	0.
8	-6.60	0.0042	0.0140	8	-3.30	0.	0.	8	-9.20	0.	0.
9	-6.40	0.0053	0.0193	9	-3.20	0.	0.	9	-8.80	0.	0.
10	-6.20	0.0068	0.0261	10	-3.10	0.	0.	10	-8.40	0.	0.
11	-6.00	0.0074	0.0334	11	-3.00	0.	0.	11	-8.00	0.0005	0.0005
12	-5.80	0.0113	0.0447	12	-2.90	0.	0.	12	-7.60	0.0032	0.0037
13	-5.60	0.0114	0.0562	13	-2.80	0.	0.	13	-7.20	0.0037	0.0074
14	-5.40	0.0145	0.0707	14	-2.70	0.	0.	14	-6.80	0.0091	0.0165
15	-5.20	0.0177	0.0884	15	-2.60	0.	0.	15	-6.40	0.0121	0.0285
16	-5.00	0.0155	0.1039	16	-2.50	0.	0.	16	-6.00	0.0176	0.0461
17	-4.80	0.0203	0.1241	17	-2.40	0.	0.	17	-5.60	0.0263	0.0724
18	-4.60	0.0238	0.1480	18	-2.30	0.	0.	18	-5.20	0.0348	0.1072
19	-4.40	0.0204	0.1684	19	-2.20	0.	0.	19	-4.80	0.0403	0.1475
20	-4.20	0.0234	0.1917	20	-2.10	0.	0.	20	-4.40	0.0418	0.1893
21	-4.00	0.0189	0.2107	21	-2.00	0.0001	0.0001	21	-4.00	0.0380	0.2273
22	-3.80	0.0247	0.2354	22	-1.90	0.0001	0.0003	22	-3.60	0.0390	0.2662
23	-3.60	0.0187	0.2541	23	-1.80	0.0001	0.0004	23	-3.20	0.0344	0.3006
24	-3.40	0.0173	0.2714	24	-1.70	0.0006	0.0010	24	-2.80	0.0318	0.3325
25	-3.20	0.0197	0.2910	25	-1.60	0.0009	0.0018	25	-2.40	0.0302	0.3627
26	-3.00	0.0156	0.3067	26	-1.50	0.0007	0.0026	26	-2.00	0.0296	0.3923
27	-2.80	0.0161	0.3228	27	-1.40	0.0020	0.0046	27	-1.60	0.0242	0.4165
28	-2.60	0.0156	0.3384	28	-1.30	0.0028	0.0074	28	-1.20	0.0251	0.4416
29	-2.40	0.0130	0.3514	29	-1.20	0.0034	0.0108	29	-0.80	0.0245	0.4661
30	-2.20	0.0151	0.3665	30	-1.10	0.0073	0.0181	30	-0.40	0.0245	0.4905
31	-2.00	0.0150	0.3815	31	-1.00	0.0107	0.0288	31	0.	0.0259	0.5165
32	-1.80	0.0129	0.3944	32	-0.90	0.0168	0.0456	32	0.40	0.0259	0.5424
33	-1.60	0.0135	0.4079	33	-0.80	0.0188	0.0644	33	0.80	0.0268	0.5692
34	-1.40	0.0132	0.4211	34	-0.70	0.0316	0.0960	34	1.20	0.0245	0.5937
35	-1.20	0.0128	0.4339	35	-0.60	0.0435	0.1395	35	1.60	0.0235	0.6171
36	-1.00	0.0107	0.4446	36	-0.50	0.0617	0.2012	36	2.00	0.0304	0.6475
37	-0.80	0.0144	0.4590	37	-0.40	0.0710	0.2723	37	2.40	0.0300	0.6775
38	-0.60	0.0113	0.4703	38	-0.30	0.0884	0.3606	38	2.80	0.0328	0.7103
39	-0.40	0.0116	0.4818	39	-0.20	0.0870	0.4476	39	3.20	0.0385	0.7488
40	-0.20	0.0114	0.4932	40	-0.10	0.0876	0.5353	40	3.60	0.0382	0.7870
41	0.	0.0108	0.5041	41	0.	0.0849	0.6202	41	4.00	0.0403	0.8273
42	0.20	0.0122	0.5162	42	0.10	0.0766	0.6968	42	4.40	0.0414	0.8687
43	0.40	0.0138	0.5300	43	0.20	0.0712	0.7679	43	4.80	0.0329	0.9017
44	0.60	0.0140	0.5440	44	0.30	0.0551	0.8230	44	5.20	0.0294	0.9311
45	0.80	0.0136	0.5577	45	0.40	0.0429	0.8659	45	5.60	0.0284	0.9594
46	1.00	0.0146	0.5723	46	0.50	0.0354	0.9013	46	6.00	0.0154	0.9748
47	1.20	0.0106	0.5828	47	0.60	0.0268	0.9281	47	6.40	0.0117	0.9865
48	1.40	0.0135	0.5964	48	0.70	0.0207	0.9488	48	6.80	0.0071	0.9936
49	1.60	0.0106	0.6069	49	0.80	0.0139	0.9626	49	7.20	0.0043	0.9979
50	1.80	0.0132	0.6201	50	0.90	0.0098	0.9725	50	7.60	0.0016	0.9995
51	2.00	0.0144	0.6345	51	1.00	0.0071	0.9796	51	8.00	0.0005	1.0000
52	2.20	0.0145	0.6490	52	1.10	0.0060	0.9856	52	8.40	0.	1.0000
53	2.40	0.0149	0.6638	53	1.20	0.0041	0.9897	53	8.80	0.	1.0000
54	2.60	0.0146	0.6785	54	1.30	0.0030	0.9926	54	9.20	0.	1.0000
55	2.80	0.0168	0.6953	55	1.40	0.0022	0.9948	55	9.60	0.	1.0000
56	3.00	0.0154	0.7107	56	1.50	0.0015	0.9963	56	10.00	0.	1.0000
57	3.20	0.0173	0.7280	57	1.60	0.0012	0.9975	57	10.40	0.	1.0000
58	3.40	0.0202	0.7482	58	1.70	0.0007	0.9983	58	10.80	0.	1.0000
59	3.60	0.0188	0.7670	59	1.80	0.0005	0.9988	59	11.20	0.	1.0000
60	3.80	0.0210	0.7880	60	1.90	0.0004	0.9991	60	11.60	0.	1.0000
61	4.00	0.0226	0.8106	61	2.00	0.0005	0.9996	61	12.00	0.	1.0000
62	4.20	0.0220	0.8326	62	2.10	0.0001	0.9998				
63	4.40	0.0192	0.8518	63	2.20	0.0001	0.9999				
64	4.60	0.0213	0.8730	64	2.30	0.0001	1.0000				
65	4.80	0.0216	0.8947	65	2.40	0.	1.0000				
66	5.00	0.0143	0.9089	66	2.50	0.	1.0000				
67	5.20	0.0160	0.9249	67	2.60	0.	1.0000				
68	5.40	0.0154	0.9403	68	2.70	0.	1.0000				
69	5.60	0.0121	0.9523	69	2.80	0.	1.0000				
70	5.80	0.0103	0.9626	70	2.90	0.	1.0000				
71	6.00	0.0093	0.9720	71	3.00	0.	1.0000				
72	6.20	0.0074	0.9794	72	3.10	0.	1.0000				
73	6.40	0.0064	0.9857	73	3.20	0.	1.0000				
74	6.60	0.0042	0.9899	74	3.30	0.	1.0000				
75	6.80	0.0041	0.9940	75	3.40	0.	1.0000				
76	7.00	0.0031	0.9971	76	3.50	0.	1.0000				
77	7.20	0.0018	0.9989	77	3.60	0.	1.0000				
78	7.40	0.0007	0.9996	78	3.70	0.	1.0000				
79	7.60	0.0004	1.0000	79	3.80	0.	1.0000				
80	7.80	0.	1.0000	80	3.90	0.	1.0000				
81	8.00	0.	1.0000	81	4.00	0.	1.0000				

I - INTERVAL NUMBER X - INTERVAL CENTER VALUE

P(X) - PROBABILITY MASS FUNCTION F(X) - CUMULATIVE DISTRIBUTION FUNCTION

BAR HARBOR ME.

STATISTICS FOR MARCH

ASTRONOMICAL TIDE				STORM SURGE				TOTAL WATER LEVEL			
MEAN 0.01		STND DEV 3.81		MEAN 0.00		STND DEV 0.46		MEAN 0.01		STND DEV 3.84	
I	X	P(X)	F(X)	I	X	P(X)	F(X)	I	X	P(X)	F(X)
1	-8.00	0.	0.	1	-4.00	0.	0.	1	-12.00	0.	0.
2	-7.80	0.	0.	2	-3.90	0.	0.	2	-11.60	0.	0.
3	-7.60	0.0001	0.0001	3	-3.80	0.	0.	3	-11.20	0.	0.
4	-7.40	0.0011	0.0012	4	-3.70	0.	0.	4	-10.80	0.	0.
5	-7.20	0.0026	0.0038	5	-3.60	0.	0.	5	-10.40	0.	0.
6	-7.00	0.0032	0.0070	6	-3.50	0.	0.	6	-10.00	0.	0.
7	-6.80	0.0032	0.0102	7	-3.40	0.	0.	7	-9.60	0.	0.
8	-6.60	0.0044	0.0146	8	-3.30	0.	0.	8	-9.20	0.	0.
9	-6.40	0.0049	0.0195	9	-3.20	0.	0.	9	-8.80	0.	0.
10	-6.20	0.0069	0.0264	10	-3.10	0.	0.	10	-8.40	0.	0.
11	-6.00	0.0080	0.0344	11	-3.00	0.	0.	11	-8.00	0.0002	0.0002
12	-5.80	0.0096	0.0440	12	-2.90	0.	0.	12	-7.60	0.0024	0.0026
13	-5.60	0.0101	0.0541	13	-2.80	0.	0.	13	-7.20	0.0047	0.0074
14	-5.40	0.0143	0.0684	14	-2.70	0.	0.	14	-6.80	0.0100	0.0173
15	-5.20	0.0178	0.0862	15	-2.60	0.	0.	15	-6.40	0.0117	0.0290
16	-5.00	0.0198	0.1060	16	-2.50	0.	0.	16	-6.00	0.0155	0.0446
17	-4.80	0.0212	0.1272	17	-2.40	0.	0.	17	-5.60	0.0224	0.0670
18	-4.60	0.0205	0.1478	18	-2.30	0.	0.	18	-5.20	0.0341	0.1011
19	-4.40	0.0215	0.1693	19	-2.20	0.	0.	19	-4.80	0.0371	0.1382
20	-4.20	0.0234	0.1927	20	-2.10	0.	0.	20	-4.40	0.0399	0.1781
21	-4.00	0.0205	0.2132	21	-2.00	0.	0.	21	-4.00	0.0430	0.2211
22	-3.80	0.0203	0.2335	22	-1.90	0.	0.	22	-3.60	0.0387	0.2598
23	-3.60	0.0185	0.2520	23	-1.80	0.	0.	23	-3.20	0.0325	0.2922
24	-3.40	0.0197	0.2717	24	-1.70	0.0001	0.0001	24	-2.80	0.0327	0.3250
25	-3.20	0.0184	0.2901	25	-1.60	0.0002	0.0003	25	-2.40	0.0316	0.3566
26	-3.00	0.0176	0.3076	26	-1.50	0.0007	0.0009	26	-2.00	0.0281	0.3847
27	-2.80	0.0149	0.3225	27	-1.40	0.0008	0.0018	27	-1.60	0.0290	0.4137
28	-2.60	0.0148	0.3373	28	-1.30	0.0020	0.0037	28	-1.20	0.0225	0.4362
29	-2.40	0.0149	0.3522	29	-1.20	0.0031	0.0068	29	-0.80	0.0259	0.4621
30	-2.20	0.0129	0.3651	30	-1.10	0.0058	0.0126	30	-0.40	0.0245	0.4865
31	-2.00	0.0129	0.3780	31	-1.00	0.0053	0.0179	31	0.	0.0270	0.5135
32	-1.80	0.0148	0.3927	32	-0.90	0.0088	0.0267	32	0.40	0.0233	0.5368
33	-1.60	0.0137	0.4065	33	-0.80	0.0135	0.0402	33	0.80	0.0240	0.5608
34	-1.40	0.0134	0.4198	34	-0.70	0.0236	0.0638	34	1.20	0.0262	0.5871
35	-1.20	0.0118	0.4316	35	-0.60	0.0341	0.0979	35	1.60	0.0277	0.6148
36	-1.00	0.0130	0.4446	36	-0.50	0.0472	0.1451	36	2.00	0.0286	0.6433
37	-0.80	0.0126	0.4573	37	-0.40	0.0613	0.2064	37	2.40	0.0285	0.6718
38	-0.60	0.0130	0.4703	38	-0.30	0.0752	0.2816	38	2.80	0.0317	0.7035
39	-0.40	0.0115	0.4817	39	-0.20	0.0804	0.3620	39	3.20	0.0380	0.7415
40	-0.20	0.0111	0.4928	40	-0.10	0.0970	0.4590	40	3.60	0.0363	0.7778
41	0.	0.0117	0.5046	41	0.	0.1009	0.5599	41	4.00	0.0382	0.8160
42	0.20	0.0143	0.5188	42	0.10	0.0915	0.6514	42	4.40	0.0450	0.8611
43	0.40	0.0109	0.5298	43	0.20	0.0882	0.7396	43	4.80	0.0377	0.8987
44	0.60	0.0125	0.5423	44	0.30	0.0740	0.8136	44	5.20	0.0319	0.9306
45	0.80	0.0129	0.5552	45	0.40	0.0497	0.8633	45	5.60	0.0249	0.9555
46	1.00	0.0139	0.5691	46	0.50	0.0340	0.8972	46	6.00	0.0168	0.9724
47	1.20	0.0130	0.5821	47	0.60	0.0271	0.9243	47	6.40	0.0141	0.9865
48	1.40	0.0125	0.5945	48	0.70	0.0199	0.9442	48	6.80	0.0074	0.9939
49	1.60	0.0125	0.6071	49	0.80	0.0148	0.9590	49	7.20	0.0039	0.9978
50	1.80	0.0138	0.6209	50	0.90	0.0104	0.9694	50	7.60	0.0012	0.9990
51	2.00	0.0151	0.6359	51	1.00	0.0080	0.9774	51	8.00	0.0008	0.9998
52	2.20	0.0115	0.6474	52	1.10	0.0066	0.9840	52	8.40	0.0002	1.0000
53	2.40	0.0141	0.6615	53	1.20	0.0050	0.9890	53	8.80	0.	1.0000
54	2.60	0.0160	0.6775	54	1.30	0.0030	0.9920	54	9.20	0.	1.0000
55	2.80	0.0159	0.6934	55	1.40	0.0021	0.9941	55	9.60	0.	1.0000
56	3.00	0.0174	0.7108	56	1.50	0.0009	0.9951	56	10.00	0.	1.0000
57	3.20	0.0175	0.7282	57	1.60	0.0014	0.9965	57	10.40	0.	1.0000
58	3.40	0.0182	0.7464	58	1.70	0.0017	0.9981	58	10.80	0.	1.0000
59	3.60	0.0190	0.7654	59	1.80	0.0010	0.9992	59	11.20	0.	1.0000
60	3.80	0.0205	0.7859	60	1.90	0.0003	0.9994	60	11.60	0.	1.0000
61	4.00	0.0220	0.8080	61	2.00	0.0002	0.9996	61	12.00	0.	1.0000
62	4.20	0.0223	0.8303	62	2.10	0.0001	0.9997				
63	4.40	0.0200	0.8503	63	2.20	0.0001	0.9998				
64	4.60	0.0208	0.8711	64	2.30	0.0001	0.9999				
65	4.80	0.0213	0.8924	65	2.40	0.0001	1.0000				
66	5.00	0.0196	0.9120	66	2.50	0.	1.0000				
67	5.20	0.0160	0.9280	67	2.60	0.	1.0000				
68	5.40	0.0146	0.9426	68	2.70	0.	1.0000				
69	5.60	0.0126	0.9552	69	2.80	0.	1.0000				
70	5.80	0.0078	0.9630	70	2.90	0.	1.0000				
71	6.00	0.0088	0.9718	71	3.00	0.	1.0000				
72	6.20	0.0075	0.9793	72	3.10	0.	1.0000				
73	6.40	0.0047	0.9840	73	3.20	0.	1.0000				
74	6.60	0.0057	0.9896	74	3.30	0.	1.0000				
75	6.80	0.0031	0.9927	75	3.40	0.	1.0000				
76	7.00	0.0031	0.9959	76	3.50	0.	1.0000				
77	7.20	0.0022	0.9981	77	3.60	0.	1.0000				
78	7.40	0.0014	0.9996	78	3.70	0.	1.0000				
79	7.60	0.0005	1.0000	79	3.80	0.	1.0000				
80	7.80	0.	1.0000	80	3.90	0.	1.0000				
81	8.00	0.	1.0000	81	4.00	0.	1.0000				

I - INTERVAL NUMBER X - INTERVAL CENTER VALUE

P(X) - PROBABILITY MASS FUNCTION F(X) - CUMULATIVE DISTRIBUTION FUNCTION

BAR HARBOR ME.

STATISTICS FOR APRIL

ASTRONOMICAL TIDE

MEAN 0.00 STND DEV 3.80

I	X	P(X)	F(X)
1	-8.00	0.	0.
2	-7.80	0.	0.
3	-7.60	0.0007	0.0007
4	-7.40	0.0009	0.0016
5	-7.20	0.0023	0.0039
6	-7.00	0.0021	0.0060
7	-6.80	0.0035	0.0098
8	-6.60	0.0038	0.0136
9	-6.40	0.0061	0.0197
10	-6.20	0.0065	0.0262
11	-6.00	0.0061	0.0323
12	-5.80	0.0091	0.0414
13	-5.60	0.0135	0.0549
14	-5.40	0.0154	0.0703
15	-5.20	0.0160	0.0863
16	-5.00	0.0177	0.1040
17	-4.80	0.0206	0.1245
18	-4.60	0.0228	0.1473
19	-4.40	0.0214	0.1687
20	-4.20	0.0226	0.1913
21	-4.00	0.0214	0.2127
22	-3.80	0.0182	0.2309
23	-3.60	0.0194	0.2503
24	-3.40	0.0202	0.2705
25	-3.20	0.0168	0.2872
26	-3.00	0.0185	0.3057
27	-2.80	0.0170	0.3228
28	-2.60	0.0131	0.3358
29	-2.40	0.0165	0.3523
30	-2.20	0.0119	0.3643
31	-2.00	0.0143	0.3785
32	-1.80	0.0131	0.3916
33	-1.60	0.0151	0.4067
34	-1.40	0.0125	0.4192
35	-1.20	0.0119	0.4310
36	-1.00	0.0120	0.4431
37	-0.80	0.0130	0.4560
38	-0.60	0.0138	0.4698
39	-0.40	0.0124	0.4822
40	-0.20	0.0125	0.4947
41	0.	0.0113	0.5060
42	0.20	0.0119	0.5179
43	0.40	0.0119	0.5297
44	0.60	0.0126	0.5423
45	0.80	0.0130	0.5553
46	1.00	0.0121	0.5674
47	1.20	0.0134	0.5808
48	1.40	0.0132	0.5940
49	1.60	0.0132	0.6071
50	1.80	0.0131	0.6202
51	2.00	0.0140	0.6342
52	2.20	0.0152	0.6494
53	2.40	0.0138	0.6632
54	2.60	0.0150	0.6782
55	2.80	0.0151	0.6932
56	3.00	0.0180	0.7112
57	3.20	0.0169	0.7282
58	3.40	0.0196	0.7478
59	3.60	0.0188	0.7666
60	3.80	0.0212	0.7878
61	4.00	0.0227	0.8105
62	4.20	0.0212	0.8317
63	4.40	0.0220	0.8537
64	4.60	0.0201	0.8738
65	4.80	0.0201	0.8939
66	5.00	0.0206	0.9144
67	5.20	0.0167	0.9311
68	5.40	0.0152	0.9463
69	5.60	0.0105	0.9568
70	5.80	0.0102	0.9669
71	6.00	0.0063	0.9732
72	6.20	0.0071	0.9804
73	6.40	0.0053	0.9857
74	6.60	0.0042	0.9898
75	6.80	0.0032	0.9931
76	7.00	0.0021	0.9952
77	7.20	0.0025	0.9977
78	7.40	0.0010	0.9987
79	7.60	0.0008	0.9995
80	7.80	0.0005	1.0000
81	8.00	0.	1.0000

STORM SURGE

MEAN-0.01 STND DEV 0.38

I	X	P(X)	F(X)
1	-4.00	0.	0.
2	-3.90	0.	0.
3	-3.80	0.	0.
4	-3.70	0.	0.
5	-3.60	0.	0.
6	-3.50	0.	0.
7	-3.40	0.	0.
8	-3.30	0.	0.
9	-3.20	0.	0.
10	-3.10	0.	0.
11	-3.00	0.	0.
12	-2.90	0.	0.
13	-2.80	0.	0.
14	-2.70	0.	0.
15	-2.60	0.	0.
16	-2.50	0.	0.
17	-2.40	0.	0.
18	-2.30	0.	0.
19	-2.20	0.	0.
20	-2.10	0.	0.
21	-2.00	0.	0.
22	-1.90	0.	0.
23	-1.80	0.	0.
24	-1.70	0.	0.
25	-1.60	0.	0.
26	-1.50	0.	0.
27	-1.40	0.0001	0.0001
28	-1.30	0.0002	0.0003
29	-1.20	0.0005	0.0007
30	-1.10	0.0015	0.0022
31	-1.00	0.0017	0.0039
32	-0.90	0.0044	0.0083
33	-0.80	0.0099	0.0182
34	-0.70	0.0176	0.0358
35	-0.60	0.0330	0.0688
36	-0.50	0.0452	0.1140
37	-0.40	0.0613	0.1753
38	-0.30	0.0805	0.2557
39	-0.20	0.0992	0.3549
40	-0.10	0.1093	0.4642
41	0.	0.1096	0.5738
42	0.10	0.1058	0.6796
43	0.20	0.0878	0.7674
44	0.30	0.0770	0.8444
45	0.40	0.0549	0.8994
46	0.50	0.0369	0.9363
47	0.60	0.0255	0.9618
48	0.70	0.0128	0.9745
49	0.80	0.0078	0.9823
50	0.90	0.0058	0.9882
51	1.00	0.0038	0.9919
52	1.10	0.0025	0.9944
53	1.20	0.0019	0.9963
54	1.30	0.0010	0.9973
55	1.40	0.0009	0.9982
56	1.50	0.0005	0.9986
57	1.60	0.0007	0.9993
58	1.70	0.0005	0.9997
59	1.80	0.0001	0.9998
60	1.90	0.0001	0.9999
61	2.00	0.0001	1.0000
62	2.10	0.	1.0000
63	2.20	0.	1.0000
64	2.30	0.	1.0000
65	2.40	0.	1.0000
66	2.50	0.	1.0000
67	2.60	0.	1.0000
68	2.70	0.	1.0000
69	2.80	0.	1.0000
70	2.90	0.	1.0000
71	3.00	0.	1.0000
72	3.10	0.	1.0000
73	3.20	0.	1.0000
74	3.30	0.	1.0000
75	3.40	0.	1.0000
76	3.50	0.	1.0000
77	3.60	0.	1.0000
78	3.70	0.	1.0000
79	3.80	0.	1.0000
80	3.90	0.	1.0000
81	4.00	0.	1.0000

TOTAL WATER LEVEL

MEAN-0.00 STND DEV 3.82

I	X	P(X)	F(X)
1	-12.00	0.	0.
2	-11.60	0.	0.
3	-11.20	0.	0.
4	-10.80	0.	0.
5	-10.40	0.	0.
6	-10.00	0.	0.
7	-9.60	0.	0.
8	-9.20	0.	0.
9	-8.80	0.	0.
10	-8.40	0.0002	0.0002
11	-8.00	0.0007	0.0008
12	-7.60	0.0024	0.0032
13	-7.20	0.0038	0.0070
14	-6.80	0.0063	0.0133
15	-6.40	0.0102	0.0235
16	-6.00	0.0159	0.0394
17	-5.60	0.0252	0.0645
18	-5.20	0.0342	0.0987
19	-4.80	0.0382	0.1369
20	-4.40	0.0444	0.1814
21	-4.00	0.0394	0.2208
22	-3.60	0.0405	0.2613
23	-3.20	0.0339	0.2952
24	-2.80	0.0342	0.3293
25	-2.40	0.0282	0.3575
26	-2.00	0.0274	0.3849
27	-1.60	0.0278	0.4127
28	-1.20	0.0263	0.4390
29	-0.80	0.0259	0.4649
30	-0.40	0.0225	0.4874
31	0.	0.0263	0.5137
32	0.40	0.0234	0.5371
33	0.80	0.0267	0.5638
34	1.20	0.0238	0.5876
35	1.60	0.0265	0.6141
36	2.00	0.0282	0.6423
37	2.40	0.0287	0.6710
38	2.80	0.0344	0.7054
39	3.20	0.0372	0.7426
40	3.60	0.0395	0.7821
41	4.00	0.0387	0.8208
42	4.40	0.0434	0.8643
43	4.80	0.0394	0.9037
44	5.20	0.0309	0.9346
45	5.60	0.0231	0.9577
46	6.00	0.0169	0.9745
47	6.40	0.0118	0.9863
48	6.80	0.0061	0.9924
49	7.20	0.0043	0.9967
50	7.60	0.0018	0.9984
51	8.00	0.0013	0.9997
52	8.40	0.0003	1.0000
53	8.80	0.	1.0000
54	9.20	0.	1.0000
55	9.60	0.	1.0000
56	10.00	0.	1.0000
57	10.40	0.	1.0000
58	10.80	0.	1.0000
59	11.20	0.	1.0000
60	11.60	0.	1.0000
61	12.00	0.	1.0000

I - INTERVAL NUMBER X - INTERVAL CENTER VALUE

P(X) - PROBABILITY MASS FUNCTION F(X) - CUMULATIVE DISTRIBUTION FUNCTION

BAR HARBOR ME.

STATISTICS FOR MAY

ASTRONOMICAL TIDE

MEAN 0.00 STND DEV 3.80

I	X	P(X)	F(X)
1	-8.00	0.	0.
2	-7.80	0.	0.
3	-7.60	0.0004	0.0004
4	-7.40	0.0012	0.0017
5	-7.20	0.0015	0.0031
6	-7.00	0.0024	0.0055
7	-6.80	0.0028	0.0083
8	-6.60	0.0028	0.0111
9	-6.40	0.0058	0.0169
10	-6.20	0.0062	0.0231
11	-6.00	0.0084	0.0314
12	-5.80	0.0109	0.0423
13	-5.60	0.0126	0.0549
14	-5.40	0.0157	0.0706
15	-5.20	0.0166	0.0873
16	-5.00	0.0191	0.1064
17	-4.80	0.0202	0.1266
18	-4.60	0.0222	0.1488
19	-4.40	0.0200	0.1687
20	-4.20	0.0229	0.1917
21	-4.00	0.0211	0.2128
22	-3.80	0.0203	0.2330
23	-3.60	0.0194	0.2525
24	-3.40	0.0207	0.2732
25	-3.20	0.0165	0.2897
26	-3.00	0.0175	0.3072
27	-2.80	0.0149	0.3221
28	-2.60	0.0151	0.3372
29	-2.40	0.0149	0.3521
30	-2.20	0.0131	0.3652
31	-2.00	0.0135	0.3787
32	-1.80	0.0140	0.3927
33	-1.60	0.0140	0.4066
34	-1.40	0.0145	0.4211
35	-1.20	0.0101	0.4312
36	-1.00	0.0133	0.4446
37	-0.80	0.0132	0.4578
38	-0.60	0.0116	0.4694
39	-0.40	0.0117	0.4811
40	-0.20	0.0122	0.4933
41	0.	0.0127	0.5060
42	0.20	0.0139	0.5199
43	0.40	0.0114	0.5312
44	0.60	0.0119	0.5431
45	0.80	0.0120	0.5551
46	1.00	0.0128	0.5679
47	1.20	0.0127	0.5807
48	1.40	0.0112	0.5918
49	1.60	0.0133	0.6052
50	1.80	0.0147	0.6198
51	2.00	0.0150	0.6348
52	2.20	0.0128	0.6476
53	2.40	0.0160	0.6637
54	2.60	0.0138	0.6774
55	2.80	0.0144	0.6918
56	3.00	0.0162	0.7080
57	3.20	0.0172	0.7252
58	3.40	0.0196	0.7448
59	3.60	0.0212	0.7660
60	3.80	0.0225	0.7886
61	4.00	0.0217	0.8103
62	4.20	0.0215	0.8318
63	4.40	0.0221	0.8539
64	4.60	0.0203	0.8742
65	4.80	0.0207	0.8949
66	5.00	0.0210	0.9158
67	5.20	0.0163	0.9322
68	5.40	0.0147	0.9469
69	5.60	0.0124	0.9593
70	5.80	0.0057	0.9650
71	6.00	0.0078	0.9757
72	6.20	0.0052	0.9809
73	6.40	0.0056	0.9865
74	6.60	0.0036	0.9901
75	6.80	0.0028	0.9929
76	7.00	0.0027	0.9956
77	7.20	0.0019	0.9974
78	7.40	0.0009	0.9984
79	7.60	0.0012	0.9996
80	7.80	0.0004	1.0000
81	8.00	0.	1.0000

STORM SURGE

MEAN-0.03 STND DEV 0.30

I	X	P(X)	F(X)
1	-4.00	0.	0.
2	-3.90	0.	0.
3	-3.80	0.	0.
4	-3.70	0.	0.
5	-3.60	0.	0.
6	-3.50	0.	0.
7	-3.40	0.	0.
8	-3.30	0.	0.
9	-3.20	0.	0.
10	-3.10	0.	0.
11	-3.00	0.	0.
12	-2.90	0.	0.
13	-2.80	0.	0.
14	-2.70	0.	0.
15	-2.60	0.	0.
16	-2.50	0.	0.
17	-2.40	0.	0.
18	-2.30	0.	0.
19	-2.20	0.	0.
20	-2.10	0.	0.
21	-2.00	0.	0.
22	-1.90	0.	0.
23	-1.80	0.	0.
24	-1.70	0.	0.
25	-1.60	0.	0.
26	-1.50	0.	0.
27	-1.40	0.0001	0.0001
28	-1.30	0.	0.0001
29	-1.20	0.0001	0.0002
30	-1.10	0.0001	0.0003
31	-1.00	0.0003	0.0006
32	-0.90	0.0021	0.0027
33	-0.80	0.0051	0.0078
34	-0.70	0.0103	0.0181
35	-0.60	0.0162	0.0344
36	-0.50	0.0357	0.0700
37	-0.40	0.0641	0.1342
38	-0.30	0.0960	0.2302
39	-0.20	0.1150	0.3452
40	-0.10	0.1322	0.4773
41	0.	0.1306	0.6079
42	0.10	0.1209	0.7288
43	0.20	0.0927	0.8215
44	0.30	0.0748	0.8963
45	0.40	0.0476	0.9439
46	0.50	0.0309	0.9748
47	0.60	0.0150	0.9898
48	0.70	0.0052	0.9949
49	0.80	0.0031	0.9980
50	0.90	0.0011	0.9990
51	1.00	0.0006	0.9997
52	1.10	0.0003	1.0000
53	1.20	0.	1.0000
54	1.30	0.	1.0000
55	1.40	0.	1.0000
56	1.50	0.	1.0000
57	1.60	0.	1.0000
58	1.70	0.	1.0000
59	1.80	0.	1.0000
60	1.90	0.	1.0000
61	2.00	0.	1.0000
62	2.10	0.	1.0000
63	2.20	0.	1.0000
64	2.30	0.	1.0000
65	2.40	0.	1.0000
66	2.50	0.	1.0000
67	2.60	0.	1.0000
68	2.70	0.	1.0000
69	2.80	0.	1.0000
70	2.90	0.	1.0000
71	3.00	0.	1.0000
72	3.10	0.	1.0000
73	3.20	0.	1.0000
74	3.30	0.	1.0000
75	3.40	0.	1.0000
76	3.50	0.	1.0000
77	3.60	0.	1.0000
78	3.70	0.	1.0000
79	3.80	0.	1.0000
80	3.90	0.	1.0000
81	4.00	0.	1.0000

TOTAL WATER LEVEL

MEAN-0.03 STND DEV 3.82

I	X	P(X)	F(X)
1	-12.00	0.	0.
2	-11.60	0.	0.
3	-11.20	0.	0.
4	-10.80	0.	0.
5	-10.40	0.	0.
6	-10.00	0.	0.
7	-9.60	0.	0.
8	-9.20	0.	0.
9	-8.80	0.	0.
10	-8.40	0.0004	0.0004
11	-8.00	0.0007	0.0012
12	-7.60	0.0020	0.0032
13	-7.20	0.0041	0.0073
14	-6.80	0.0056	0.0129
15	-6.40	0.0128	0.0256
16	-6.00	0.0171	0.0427
17	-5.60	0.0249	0.0676
18	-5.20	0.0347	0.1023
19	-4.80	0.0402	0.1425
20	-4.40	0.0414	0.1839
21	-4.00	0.0384	0.2223
22	-3.60	0.0377	0.2599
23	-3.20	0.0387	0.2986
24	-2.80	0.0325	0.3311
25	-2.40	0.0287	0.3598
26	-2.00	0.0270	0.3868
27	-1.60	0.0282	0.4150
28	-1.20	0.0247	0.4397
29	-0.80	0.0242	0.4638
30	-0.40	0.0264	0.4902
31	0.	0.0215	0.5117
32	0.40	0.0267	0.5384
33	0.80	0.0240	0.5625
34	1.20	0.0252	0.5877
35	1.60	0.0252	0.6129
36	2.00	0.0284	0.6412
37	2.40	0.0324	0.6736
38	2.80	0.0286	0.7022
39	3.20	0.0304	0.7326
40	3.60	0.0415	0.7801
41	4.00	0.0433	0.8233
42	4.40	0.0430	0.8664
43	4.80	0.0408	0.9072
44	5.20	0.0323	0.9395
45	5.60	0.0237	0.9632
46	6.00	0.0159	0.9791
47	6.40	0.0103	0.9893
48	6.80	0.0057	0.9952
49	7.20	0.0036	0.9987
50	7.60	0.0013	1.0000
51	8.00	0.	1.0000
52	8.40	0.	1.0000
53	8.80	0.	1.0000
54	9.20	0.	1.0000
55	9.60	0.	1.0000
56	10.00	0.	1.0000
57	10.40	0.	1.0000
58	10.80	0.	1.0000
59	11.20	0.	1.0000
60	11.60	0.	1.0000
61	12.00	0.	1.0000

I - INTERVAL NUMBER X - INTERVAL CENTER VALUE

P(X) - PROBABILITY MASS FUNCTION F(X) - CUMULATIVE DISTRIBUTION FUNCTION

BAR HARBOR ME.

STATISTICS FOR JUNE

ASTRONOMICAL TIDE				STORM SURGE				TOTAL WATER LEVEL			
MEAN-0.00		STND DEV 3.77		MEAN 0.09		STND DEV 0.31		MEAN 0.09		STND DEV 3.80	
I	X	P(X)	F(X)	I	X	P(X)	F(X)	I	X	P(X)	F(X)
1	-8.00	0.	0.	1	-4.00	0.	0.	1	-12.00	0.	0.
2	-7.80	0.	0.	2	-3.90	0.	0.	2	-11.60	0.	0.
3	-7.60	0.	0.	3	-3.80	0.	0.	3	-11.20	0.	0.
4	-7.40	0.0004	0.0004	4	-3.70	0.	0.	4	-10.80	0.	0.
5	-7.20	0.0011	0.0015	5	-3.60	0.	0.	5	-10.40	0.	0.
6	-7.00	0.0020	0.0035	6	-3.50	0.	0.	6	-10.00	0.	0.
7	-6.80	0.0028	0.0063	7	-3.40	0.	0.	7	-9.60	0.	0.
8	-6.60	0.0031	0.0093	8	-3.30	0.	0.	8	-9.20	0.	0.
9	-6.40	0.0035	0.0128	9	-3.20	0.	0.	9	-8.80	0.	0.
10	-6.20	0.0057	0.0185	10	-3.10	0.	0.	10	-8.40	0.	0.
11	-6.00	0.0082	0.0267	11	-3.00	0.	0.	11	-8.00	0.	0.
12	-5.80	0.0093	0.0360	12	-2.90	0.	0.	12	-7.60	0.0008	0.0008
13	-5.60	0.0144	0.0504	13	-2.80	0.	0.	13	-7.20	0.0034	0.0042
14	-5.40	0.0159	0.0663	14	-2.70	0.	0.	14	-6.80	0.0054	0.0096
15	-5.20	0.0186	0.0849	15	-2.60	0.	0.	15	-6.40	0.0086	0.0182
16	-5.00	0.0195	0.1044	16	-2.50	0.	0.	16	-6.00	0.0129	0.0311
17	-4.80	0.0192	0.1235	17	-2.40	0.	0.	17	-5.60	0.0242	0.0553
18	-4.60	0.0176	0.1411	18	-2.30	0.	0.	18	-5.20	0.0347	0.0899
19	-4.40	0.0258	0.1669	19	-2.20	0.	0.	19	-4.80	0.0385	0.1285
20	-4.20	0.0221	0.1890	20	-2.10	0.	0.	20	-4.40	0.0407	0.1692
21	-4.00	0.0236	0.2126	21	-2.00	0.	0.	21	-4.00	0.0419	0.2111
22	-3.80	0.0219	0.2345	22	-1.90	0.	0.	22	-3.60	0.0435	0.2545
23	-3.60	0.0195	0.2541	23	-1.80	0.	0.	23	-3.20	0.0360	0.2905
24	-3.40	0.0194	0.2734	24	-1.70	0.	0.	24	-2.80	0.0322	0.3228
25	-3.20	0.0178	0.2912	25	-1.60	0.	0.	25	-2.40	0.0295	0.3523
26	-3.00	0.0154	0.3066	26	-1.50	0.	0.	26	-2.00	0.0275	0.3798
27	-2.80	0.0155	0.3220	27	-1.40	0.0001	0.0001	27	-1.60	0.0277	0.4076
28	-2.60	0.0162	0.3382	28	-1.30	0.0001	0.0002	28	-1.20	0.0259	0.4334
29	-2.40	0.0154	0.3536	29	-1.20	0.	0.0002	29	-0.80	0.0248	0.4582
30	-2.20	0.0154	0.3689	30	-1.10	0.0001	0.0003	30	-0.40	0.0240	0.4822
31	-2.00	0.0112	0.3802	31	-1.00	0.	0.0003	31	0.	0.0237	0.5059
32	-1.80	0.0135	0.3937	32	-0.90	0.0001	0.0004	32	0.40	0.0249	0.5308
33	-1.60	0.0128	0.4065	33	-0.80	0.0001	0.0005	33	0.80	0.0252	0.5560
34	-1.40	0.0113	0.4178	34	-0.70	0.0007	0.0013	34	1.20	0.0244	0.5804
35	-1.20	0.0125	0.4303	35	-0.60	0.0040	0.0052	35	1.60	0.0243	0.6047
36	-1.00	0.0137	0.4440	36	-0.50	0.0128	0.0180	36	2.00	0.0299	0.6346
37	-0.80	0.0131	0.4570	37	-0.40	0.0290	0.0470	37	2.40	0.0290	0.6636
38	-0.60	0.0127	0.4697	38	-0.30	0.0582	0.1052	38	2.80	0.0313	0.6949
39	-0.40	0.0121	0.4819	39	-0.20	0.1029	0.2081	39	3.20	0.0314	0.7263
40	-0.20	0.0125	0.4944	40	-0.10	0.1335	0.3416	40	3.60	0.0389	0.7653
41	0.	0.0121	0.5065	41	0.	0.1482	0.4899	41	4.00	0.0460	0.8112
42	0.20	0.0131	0.5195	42	0.10	0.1342	0.6241	42	4.40	0.0460	0.8572
43	0.40	0.0118	0.5314	43	0.20	0.1106	0.7346	43	4.80	0.0402	0.8974
44	0.60	0.0116	0.5430	44	0.30	0.0816	0.8162	44	5.20	0.0346	0.9320
45	0.80	0.0133	0.5563	45	0.40	0.0604	0.8766	45	5.60	0.0272	0.9592
46	1.00	0.0125	0.5688	46	0.50	0.0455	0.9221	46	6.00	0.0190	0.9781
47	1.20	0.0119	0.5807	47	0.60	0.0322	0.9544	47	6.40	0.0112	0.9893
48	1.40	0.0131	0.5938	48	0.70	0.0181	0.9725	48	6.80	0.0058	0.9951
49	1.60	0.0127	0.6065	49	0.80	0.0107	0.9831	49	7.20	0.0031	0.9982
50	1.80	0.0133	0.6197	50	0.90	0.0072	0.9904	50	7.60	0.0017	0.9999
51	2.00	0.0159	0.6356	51	1.00	0.0041	0.9945	51	8.00	0.0001	1.0000
52	2.20	0.0131	0.6487	52	1.10	0.0014	0.9958	52	8.40	0.	1.0000
53	2.40	0.0143	0.6630	53	1.20	0.0015	0.9973	53	8.80	0.	1.0000
54	2.60	0.0154	0.6784	54	1.30	0.0013	0.9985	54	9.20	0.	1.0000
55	2.80	0.0165	0.6948	55	1.40	0.0002	0.9987	55	9.60	0.	1.0000
56	3.00	0.0153	0.7101	56	1.50	0.0004	0.9992	56	10.00	0.	1.0000
57	3.20	0.0155	0.7256	57	1.60	0.0003	0.9995	57	10.40	0.	1.0000
58	3.40	0.0178	0.7434	58	1.70	0.0002	0.9997	58	10.80	0.	1.0000
59	3.60	0.0204	0.7638	59	1.80	0.0002	0.9999	59	11.20	0.	1.0000
60	3.80	0.0237	0.7875	60	1.90	0.0001	1.0000	60	11.60	0.	1.0000
61	4.00	0.0239	0.8114	61	2.00	0.	1.0000	61	12.00	0.	1.0000
62	4.20	0.0256	0.8370	62	2.10	0.	1.0000				
63	4.40	0.0237	0.8607	63	2.20	0.	1.0000				
64	4.60	0.0192	0.8799	64	2.30	0.	1.0000				
65	4.80	0.0194	0.8992	65	2.40	0.	1.0000				
66	5.00	0.0205	0.9197	66	2.50	0.	1.0000				
67	5.20	0.0154	0.9351	67	2.60	0.	1.0000				
68	5.40	0.0149	0.9500	68	2.70	0.	1.0000				
69	5.60	0.0121	0.9621	69	2.80	0.	1.0000				
70	5.80	0.0090	0.9711	70	2.90	0.	1.0000				
71	6.00	0.0071	0.9783	71	3.00	0.	1.0000				
72	6.20	0.0047	0.9829	72	3.10	0.	1.0000				
73	6.40	0.0057	0.9886	73	3.20	0.	1.0000				
74	6.60	0.0033	0.9919	74	3.30	0.	1.0000				
75	6.80	0.0033	0.9951	75	3.40	0.	1.0000				
76	7.00	0.0017	0.9968	76	3.50	0.	1.0000				
77	7.20	0.0019	0.9987	77	3.60	0.	1.0000				
78	7.40	0.0007	0.9994	78	3.70	0.	1.0000				
79	7.60	0.0005	0.9999	79	3.80	0.	1.0000				
80	7.80	0.0001	1.0000	80	3.90	0.	1.0000				
81	8.00	0.	1.0000	81	4.00	0.	1.0000				

I - INTERVAL NUMBER X - INTERVAL CENTER VALUE

P(X) - PROBABILITY MASS FUNCTION F(X) - CUMULATIVE DISTRIBUTION FUNCTION

BAR HARBOR ME.

STATISTICS FOR JULY

ASTRONOMICAL TIDE				STORM SURGE				TOTAL WATER LEVEL			
MEAN-0.00 STND DEV 3.79				MEAN 0.05 STND DEV 0.25				MEAN 0.05 STND DEV 3.60			
I	X	P(X)	F(X)	I	X	P(X)	F(X)	I	X	P(X)	F(X)
1	-8.00	0.	0.	1	-4.00	0.	0.	1	-12.00	0.	0.
2	-7.80	0.	0.	2	-3.90	0.	0.	2	-11.60	0.	0.
3	-7.60	0.	0.	3	-3.80	0.	0.	3	-11.20	0.	0.
4	-7.40	0.0002	0.0002	4	-3.70	0.	0.	4	-10.80	0.	0.
5	-7.20	0.0013	0.0016	5	-3.60	0.	0.	5	-10.40	0.	0.
6	-7.00	0.0015	0.0030	6	-3.50	0.	0.	6	-10.00	0.	0.
7	-6.80	0.0030	0.0060	7	-3.40	0.	0.	7	-9.60	0.	0.
8	-6.60	0.0035	0.0095	8	-3.30	0.	0.	8	-9.20	0.	0.
9	-6.40	0.0050	0.0145	9	-3.20	0.	0.	9	-8.80	0.	0.
10	-6.20	0.0060	0.0205	10	-3.10	0.	0.	10	-8.40	0.	0.
11	-6.00	0.0068	0.0273	11	-3.00	0.	0.	11	-8.00	0.	0.
12	-5.80	0.0099	0.0372	12	-2.90	0.	0.	12	-7.60	0.0006	0.0006
13	-5.60	0.0147	0.0519	13	-2.80	0.	0.	13	-7.20	0.0024	0.0031
14	-5.40	0.0162	0.0681	14	-2.70	0.	0.	14	-6.80	0.0050	0.0080
15	-5.20	0.0188	0.0870	15	-2.60	0.	0.	15	-6.40	0.0092	0.0172
16	-5.00	0.0184	0.1054	16	-2.50	0.	0.	16	-6.00	0.0162	0.0334
17	-4.80	0.0172	0.1225	17	-2.40	0.	0.	17	-5.60	0.0259	0.0593
18	-4.60	0.0216	0.1441	18	-2.30	0.	0.	18	-5.20	0.0324	0.0917
19	-4.40	0.0239	0.1680	19	-2.20	0.	0.	19	-4.80	0.0378	0.1294
20	-4.20	0.0244	0.1924	20	-2.10	0.	0.	20	-4.40	0.0457	0.1751
21	-4.00	0.0231	0.2155	21	-2.00	0.	0.	21	-4.00	0.0444	0.2195
22	-3.80	0.0235	0.2389	22	-1.90	0.	0.	22	-3.60	0.0408	0.2604
23	-3.60	0.0203	0.2592	23	-1.80	0.	0.	23	-3.20	0.0363	0.2966
24	-3.40	0.0175	0.2767	24	-1.70	0.	0.	24	-2.80	0.0288	0.3254
25	-3.20	0.0165	0.2932	25	-1.60	0.	0.	25	-2.40	0.0291	0.3545
26	-3.00	0.0170	0.3102	26	-1.50	0.	0.	26	-2.00	0.0291	0.3836
27	-2.80	0.0146	0.3248	27	-1.40	0.	0.	27	-1.60	0.0269	0.4104
28	-2.60	0.0135	0.3383	28	-1.30	0.	0.	28	-1.20	0.0257	0.4361
29	-2.40	0.0133	0.3516	29	-1.20	0.	0.	29	-0.80	0.0253	0.4614
30	-2.20	0.0159	0.3676	30	-1.10	0.	0.	30	-0.40	0.0228	0.4842
31	-2.00	0.0124	0.3800	31	-1.00	0.0001	0.0001	31	0.	0.0245	0.5088
32	-1.80	0.0146	0.3945	32	-0.90	0.	0.0001	32	0.40	0.0234	0.5322
33	-1.60	0.0138	0.4083	33	-0.80	0.0007	0.0009	33	0.80	0.0239	0.5561
34	-1.40	0.0119	0.4202	34	-0.70	0.0015	0.0023	34	1.20	0.0278	0.5839
35	-1.20	0.0132	0.4334	35	-0.60	0.0033	0.0056	35	1.60	0.0244	0.6083
36	-1.00	0.0129	0.4463	36	-0.50	0.0110	0.0166	36	2.00	0.0283	0.6366
37	-0.80	0.0116	0.4579	37	-0.40	0.0288	0.0454	37	2.40	0.0299	0.6666
38	-0.60	0.0116	0.4695	38	-0.30	0.0637	0.1090	38	2.80	0.0301	0.6967
39	-0.40	0.0128	0.4823	39	-0.20	0.1033	0.2124	39	3.20	0.0359	0.7326
40	-0.20	0.0114	0.4937	40	-0.10	0.1419	0.3543	40	3.60	0.0402	0.7727
41	0.	0.0139	0.5076	41	0.	0.1570	0.5113	41	4.00	0.0429	0.8157
42	0.20	0.0101	0.5177	42	0.10	0.1606	0.6720	42	4.40	0.0440	0.8597
43	0.40	0.0130	0.5307	43	0.20	0.1336	0.8055	43	4.80	0.0409	0.9006
44	0.60	0.0111	0.5418	44	0.30	0.0878	0.8933	44	5.20	0.0331	0.9337
45	0.80	0.0141	0.5558	45	0.40	0.0462	0.9395	45	5.60	0.0256	0.9593
46	1.00	0.0117	0.5675	46	0.50	0.0278	0.9673	46	6.00	0.0187	0.9780
47	1.20	0.0135	0.5811	47	0.60	0.0170	0.9844	47	6.40	0.0107	0.9887
48	1.40	0.0143	0.5953	48	0.70	0.0077	0.9921	48	6.80	0.0070	0.9957
49	1.60	0.0128	0.6082	49	0.80	0.0044	0.9965	49	7.20	0.0037	0.9994
50	1.80	0.0126	0.6208	50	0.90	0.0024	0.9989	50	7.60	0.0006	1.0000
51	2.00	0.0144	0.6351	51	1.00	0.0004	0.9994	51	8.00	0.	1.0000
52	2.20	0.0129	0.6481	52	1.10	0.0003	0.9997	52	8.40	0.	1.0000
53	2.40	0.0139	0.6619	53	1.20	0.0002	0.9999	53	8.80	0.	1.0000
54	2.60	0.0150	0.6769	54	1.30	0.	0.9999	54	9.20	0.	1.0000
55	2.80	0.0148	0.6917	55	1.40	0.	0.9999	55	9.60	0.	1.0000
56	3.00	0.0157	0.7074	56	1.50	0.	0.9999	56	10.00	0.	1.0000
57	3.20	0.0198	0.7272	57	1.60	0.0001	1.0000	57	10.40	0.	1.0000
58	3.40	0.0169	0.7440	58	1.70	0.	1.0000	58	10.80	0.	1.0000
59	3.60	0.0212	0.7652	59	1.80	0.	1.0000	59	11.20	0.	1.0000
60	3.80	0.0201	0.7853	60	1.90	0.	1.0000	60	11.60	0.	1.0000
61	4.00	0.0249	0.8102	61	2.00	0.	1.0000	61	12.00	0.	1.0000
62	4.20	0.0224	0.8326	62	2.10	0.	1.0000				
63	4.40	0.0231	0.8557	63	2.20	0.	1.0000				
64	4.60	0.0205	0.8761	64	2.30	0.	1.0000				
65	4.80	0.0209	0.8970	65	2.40	0.	1.0000				
66	5.00	0.0165	0.9136	66	2.50	0.	1.0000				
67	5.20	0.0165	0.9301	67	2.60	0.	1.0000				
68	5.40	0.0142	0.9443	68	2.70	0.	1.0000				
69	5.60	0.0138	0.9580	69	2.80	0.	1.0000				
70	5.80	0.0104	0.9685	70	2.90	0.	1.0000				
71	6.00	0.0092	0.9777	71	3.00	0.	1.0000				
72	6.20	0.0067	0.9844	72	3.10	0.	1.0000				
73	6.40	0.0045	0.9888	73	3.20	0.	1.0000				
74	6.60	0.0039	0.9927	74	3.30	0.	1.0000				
75	6.80	0.0027	0.9954	75	3.40	0.	1.0000				
76	7.00	0.0026	0.9979	76	3.50	0.	1.0000				
77	7.20	0.0012	0.9992	77	3.60	0.	1.0000				
78	7.40	0.0007	0.9999	78	3.70	0.	1.0000				
79	7.60	0.0001	1.0000	79	3.80	0.	1.0000				
80	7.80	0.	1.0000	80	3.90	0.	1.0000				
81	8.00	0.	1.0000	81	4.00	0.	1.0000				

I - INTERVAL NUMBER X - INTERVAL CENTER VALUE

P(X) - PROBABILITY MASS FUNCTION F(X) - CUMULATIVE DISTRIBUTION FUNCTION

BAR HARBOR ME.

STATISTICS FOR AUGUST

ASTRONOMICAL TIDE				STORM SURGE				TOTAL WATER LEVEL			
MEAN 0.00		STND DEV 3.79		MEAN 0.02		STND DEV 0.24		MEAN 0.02		STND DEV 3.79	
I	X	P(X)	F(X)	I	X	P(X)	F(X)	I	X	P(X)	F(X)
1	-8.00	0.	0.	1	-4.00	0.	0.	1	-12.00	0.	0.
2	-7.80	0.	0.	2	-3.90	0.	0.	2	-11.60	0.	0.
3	-7.60	0.	0.	3	-3.80	0.	0.	3	-11.20	0.	0.
4	-7.40	0.0004	0.0004	4	-3.70	0.	0.	4	-10.80	0.	0.
5	-7.20	0.0008	0.0012	5	-3.60	0.	0.	5	-10.40	0.	0.
6	-7.00	0.0022	0.0034	6	-3.50	0.	0.	6	-10.00	0.	0.
7	-6.80	0.0025	0.0059	7	-3.40	0.	0.	7	-9.60	0.	0.
8	-6.60	0.0042	0.0101	8	-3.30	0.	0.	8	-9.20	0.	0.
9	-6.40	0.0053	0.0154	9	-3.20	0.	0.	9	-8.80	0.	0.
10	-6.20	0.0065	0.0219	10	-3.10	0.	0.	10	-8.40	0.	0.
11	-6.00	0.0074	0.0294	11	-3.00	0.	0.	11	-8.00	0.	0.
12	-5.80	0.0100	0.0394	12	-2.90	0.	0.	12	-7.60	0.0010	0.0010
13	-5.60	0.0127	0.0521	13	-2.80	0.	0.	13	-7.20	0.0026	0.0036
14	-5.40	0.0164	0.0686	14	-2.70	0.	0.	14	-6.80	0.0053	0.0089
15	-5.20	0.0172	0.0857	15	-2.60	0.	0.	15	-6.40	0.0098	0.0186
16	-5.00	0.0176	0.1033	16	-2.50	0.	0.	16	-6.00	0.0167	0.0354
17	-4.80	0.0212	0.1245	17	-2.40	0.	0.	17	-5.60	0.0252	0.0605
18	-4.60	0.0232	0.1476	18	-2.30	0.	0.	18	-5.20	0.0339	0.0943
19	-4.40	0.0217	0.1694	19	-2.20	0.	0.	19	-4.80	0.0389	0.1333
20	-4.20	0.0229	0.1922	20	-2.10	0.	0.	20	-4.40	0.0449	0.1782
21	-4.00	0.0229	0.2152	21	-2.00	0.0001	0.0001	21	-4.00	0.0416	0.2198
22	-3.80	0.0225	0.2377	22	-1.90	0.	0.0001	22	-3.60	0.0395	0.2593
23	-3.60	0.0192	0.2569	23	-1.80	0.0001	0.0002	23	-3.20	0.0382	0.2975
24	-3.40	0.0173	0.2742	24	-1.70	0.	0.0002	24	-2.80	0.0302	0.3277
25	-3.20	0.0203	0.2945	25	-1.60	0.	0.0002	25	-2.40	0.0307	0.3584
26	-3.00	0.0149	0.3094	26	-1.50	0.0001	0.0003	26	-2.00	0.0258	0.3842
27	-2.80	0.0140	0.3233	27	-1.40	0.0001	0.0005	27	-1.60	0.0263	0.4105
28	-2.60	0.0151	0.3384	28	-1.30	0.	0.0005	28	-1.20	0.0274	0.4379
29	-2.40	0.0151	0.3535	29	-1.20	0.0001	0.0006	29	-0.80	0.0246	0.4625
30	-2.20	0.0145	0.3680	30	-1.10	0.0001	0.0007	30	-0.40	0.0258	0.4883
31	-2.00	0.0131	0.3811	31	-1.00	0.0002	0.0009	31	0.	0.0230	0.5113
32	-1.80	0.0119	0.3930	32	-0.90	0.0002	0.0011	32	0.40	0.0219	0.5332
33	-1.60	0.0128	0.4058	33	-0.80	0.0008	0.0019	33	0.80	0.0249	0.5582
34	-1.40	0.0138	0.4196	34	-0.70	0.0028	0.0047	34	1.20	0.0267	0.5849
35	-1.20	0.0119	0.4315	35	-0.60	0.0082	0.0129	35	1.60	0.0242	0.6091
36	-1.00	0.0127	0.4442	36	-0.50	0.0176	0.0306	36	2.00	0.0308	0.6398
37	-0.80	0.0130	0.4572	37	-0.40	0.0300	0.0605	37	2.40	0.0288	0.6686
38	-0.60	0.0141	0.4713	38	-0.30	0.0529	0.1134	38	2.80	0.0331	0.7017
39	-0.40	0.0109	0.4821	39	-0.20	0.1016	0.2151	39	3.20	0.0326	0.7343
40	-0.20	0.0125	0.4946	40	-0.10	0.1580	0.3731	40	3.60	0.0414	0.7757
41	0.	0.0114	0.5060	41	0.	0.1861	0.5592	41	4.00	0.0444	0.8201
42	0.20	0.0133	0.5193	42	0.10	0.1660	0.7252	42	4.40	0.0445	0.8646
43	0.40	0.0110	0.5303	43	0.20	0.1290	0.8542	43	4.80	0.0348	0.8994
44	0.60	0.0121	0.5424	44	0.30	0.0793	0.9335	44	5.20	0.0376	0.9370
45	0.80	0.0153	0.5577	45	0.40	0.0377	0.9712	45	5.60	0.0244	0.9614
46	1.00	0.0098	0.5675	46	0.50	0.0172	0.9884	46	6.00	0.0176	0.9790
47	1.20	0.0131	0.5807	47	0.60	0.0062	0.9946	47	6.40	0.0109	0.9899
48	1.40	0.0130	0.5937	48	0.70	0.0030	0.9976	48	6.80	0.0062	0.9961
49	1.60	0.0113	0.6049	49	0.80	0.0018	0.9994	49	7.20	0.0036	0.9997
50	1.80	0.0143	0.6192	50	0.90	0.0003	0.9998	50	7.60	0.0003	1.0000
51	2.00	0.0138	0.6330	51	1.00	0.0001	0.9999	51	8.00	0.	1.0000
52	2.20	0.0148	0.6478	52	1.10	0.0001	1.0000	52	8.40	0.	1.0000
53	2.40	0.0146	0.6623	53	1.20	0.	1.0000	53	8.80	0.	1.0000
54	2.60	0.0160	0.6784	54	1.30	0.	1.0000	54	9.20	0.	1.0000
55	2.80	0.0153	0.6937	55	1.40	0.	1.0000	55	9.60	0.	1.0000
56	3.00	0.0149	0.7085	56	1.50	0.	1.0000	56	10.00	0.	1.0000
57	3.20	0.0186	0.7272	57	1.60	0.	1.0000	57	10.40	0.	1.0000
58	3.40	0.0192	0.7464	58	1.70	0.	1.0000	58	10.80	0.	1.0000
59	3.60	0.0181	0.7645	59	1.80	0.	1.0000	59	11.20	0.	1.0000
60	3.80	0.0214	0.7859	60	1.90	0.	1.0000	60	11.60	0.	1.0000
61	4.00	0.0203	0.8061	61	2.00	0.	1.0000	61	12.00	0.	1.0000
62	4.20	0.0235	0.8296	62	2.10	0.	1.0000				
63	4.40	0.0223	0.8519	63	2.20	0.	1.0000				
64	4.60	0.0232	0.8751	64	2.30	0.	1.0000				
65	4.80	0.0180	0.8931	65	2.40	0.	1.0000				
66	5.00	0.0185	0.9116	66	2.50	0.	1.0000				
67	5.20	0.0168	0.9284	67	2.60	0.	1.0000				
68	5.40	0.0162	0.9446	68	2.70	0.	1.0000				
69	5.60	0.0113	0.9558	69	2.80	0.	1.0000				
70	5.80	0.0107	0.9665	70	2.90	0.	1.0000				
71	6.00	0.0100	0.9765	71	3.00	0.	1.0000				
72	6.20	0.0066	0.9832	72	3.10	0.	1.0000				
73	6.40	0.0046	0.9877	73	3.20	0.	1.0000				
74	6.60	0.0051	0.9928	74	3.30	0.	1.0000				
75	6.80	0.0032	0.9960	75	3.40	0.	1.0000				
76	7.00	0.0026	0.9986	76	3.50	0.	1.0000				
77	7.20	0.0010	0.9996	77	3.60	0.	1.0000				
78	7.40	0.0004	1.0000	78	3.70	0.	1.0000				
79	7.60	0.	1.0000	79	3.80	0.	1.0000				
80	7.80	0.	1.0000	80	3.90	0.	1.0000				
81	8.00	0.	1.0000	81	4.00	0.	1.0000				

I - INTERVAL NUMBER X - INTERVAL CENTER VALUE

P(X) - PROBABILITY MASS FUNCTION F(X) - CUMULATIVE DISTRIBUTION FUNCTION

BAR HARBOR ME.

STATISTICS FOR SEPTEMBER

ASTRONOMICAL TIDE				STORM SURGE				TOTAL WATER LEVEL			
MEAN 0.00		STND DEV 3.81		MEAN-0.04		STND DEV 0.27		MEAN-0.03		STND DEV 3.82	
I	X	P(X)	F(X)	I	X	P(X)	F(X)	I	X	P(X)	F(X)
1	-8.00	0.	0.	1	-4.00	0.	0.	1	-12.00	0.	0.
2	-7.80	0.	0.	2	-3.90	0.	0.	2	-11.40	0.	0.
3	-7.60	0.0001	0.0001	3	-3.80	0.	0.	3	-11.20	0.	0.
4	-7.40	0.0005	0.0006	4	-3.70	0.	0.	4	-10.80	0.	0.
5	-7.20	0.0010	0.0016	5	-3.60	0.	0.	5	-10.40	0.	0.
6	-7.00	0.0026	0.0042	6	-3.50	0.	0.	6	-10.00	0.	0.
7	-6.80	0.0044	0.0086	7	-3.40	0.	0.	7	-9.60	0.	0.
8	-6.60	0.0043	0.0128	8	-3.30	0.	0.	8	-9.20	0.	0.
9	-6.40	0.0065	0.0193	9	-3.20	0.	0.	9	-8.80	0.	0.
10	-6.20	0.0068	0.0262	10	-3.10	0.	0.	10	-8.40	0.	0.
11	-6.00	0.0072	0.0333	11	-3.00	0.	0.	11	-8.00	0.	0.
12	-5.80	0.0079	0.0412	12	-2.90	0.	0.	12	-7.60	0.0014	0.0014
13	-5.60	0.0120	0.0532	13	-2.80	0.	0.	13	-7.20	0.0033	0.0047
14	-5.40	0.0142	0.0674	14	-2.70	0.	0.	14	-6.80	0.0087	0.0135
15	-5.20	0.0186	0.0860	15	-2.60	0.	0.	15	-6.40	0.0118	0.0253
16	-5.00	0.0217	0.1077	16	-2.50	0.	0.	16	-6.00	0.0172	0.0425
17	-4.80	0.0196	0.1272	17	-2.40	0.	0.	17	-5.60	0.0244	0.0669
18	-4.60	0.0225	0.1498	18	-2.30	0.	0.	18	-5.20	0.0335	0.1005
19	-4.40	0.0229	0.1727	19	-2.20	0.	0.	19	-4.80	0.0433	0.1438
20	-4.20	0.0230	0.1956	20	-2.10	0.	0.	20	-4.40	0.0407	0.1845
21	-4.00	0.0213	0.2169	21	-2.00	0.	0.	21	-4.00	0.0403	0.2247
22	-3.80	0.0208	0.2377	22	-1.90	0.	0.	22	-3.60	0.0404	0.2651
23	-3.60	0.0181	0.2558	23	-1.80	0.	0.	23	-3.20	0.0338	0.2989
24	-3.40	0.0193	0.2751	24	-1.70	0.	0.	24	-2.80	0.0334	0.3323
25	-3.20	0.0176	0.2927	25	-1.60	0.	0.	25	-2.40	0.0292	0.3614
26	-3.00	0.0157	0.3084	26	-1.50	0.	0.	26	-2.00	0.0268	0.3882
27	-2.80	0.0165	0.3249	27	-1.40	0.	0.	27	-1.60	0.0268	0.4150
28	-2.60	0.0147	0.3396	28	-1.30	0.	0.	28	-1.20	0.0247	0.4397
29	-2.40	0.0131	0.3528	29	-1.20	0.	0.	29	-0.80	0.0227	0.4624
30	-2.20	0.0134	0.3661	30	-1.10	0.0001	0.0001	30	-0.40	0.0269	0.4893
31	-2.00	0.0149	0.3810	31	-1.00	0.0003	0.0005	31	0.	0.0250	0.5143
32	-1.80	0.0138	0.3948	32	-0.90	0.0005	0.0009	32	0.40	0.0238	0.5381
33	-1.60	0.0125	0.4073	33	-0.80	0.0013	0.0022	33	0.80	0.0260	0.5641
34	-1.40	0.0127	0.4200	34	-0.70	0.0060	0.0083	34	1.20	0.0230	0.5871
35	-1.20	0.0113	0.4313	35	-0.60	0.0148	0.0230	35	1.60	0.0268	0.6139
36	-1.00	0.0117	0.4431	36	-0.50	0.0296	0.0526	36	2.00	0.0288	0.6427
37	-0.80	0.0143	0.4574	37	-0.40	0.0575	0.1101	37	2.40	0.0300	0.6727
38	-0.60	0.0133	0.4706	38	-0.30	0.0983	0.2085	38	2.80	0.0342	0.7069
39	-0.40	0.0125	0.4831	39	-0.20	0.1297	0.3382	39	3.20	0.0355	0.7427
40	-0.20	0.0119	0.4950	40	-0.10	0.1546	0.4928	40	3.60	0.0397	0.7823
41	0.	0.0115	0.5065	41	0.	0.1506	0.6434	41	4.00	0.0392	0.8215
42	0.20	0.0109	0.5174	42	0.10	0.1287	0.7721	42	4.40	0.0436	0.8651
43	0.40	0.0140	0.5314	43	0.20	0.0916	0.8637	43	4.80	0.0395	0.9046
44	0.60	0.0127	0.5441	44	0.30	0.0600	0.9236	44	5.20	0.0339	0.9385
45	0.80	0.0133	0.5574	45	0.40	0.0347	0.9583	45	5.60	0.0235	0.9620
46	1.00	0.0110	0.5684	46	0.50	0.0215	0.9798	46	6.00	0.0146	0.9766
47	1.20	0.0114	0.5798	47	0.60	0.0096	0.9894	47	6.40	0.0126	0.9893
48	1.40	0.0128	0.5926	48	0.70	0.0038	0.9932	48	6.80	0.0066	0.9959
49	1.60	0.0134	0.6060	49	0.80	0.0035	0.9967	49	7.20	0.0028	0.9987
50	1.80	0.0123	0.6183	50	0.90	0.0014	0.9981	50	7.60	0.0013	1.0000
51	2.00	0.0139	0.6322	51	1.00	0.0007	0.9988	51	8.00	0.	1.0000
52	2.20	0.0151	0.6472	52	1.10	0.0006	0.9994	52	8.40	0.	1.0000
53	2.40	0.0157	0.6629	53	1.20	0.0002	0.9997	53	8.80	0.	1.0000
54	2.60	0.0147	0.6777	54	1.30	0.	0.9997	54	9.20	0.	1.0000
55	2.80	0.0138	0.6915	55	1.40	0.0003	1.0000	55	9.60	0.	1.0000
56	3.00	0.0167	0.7081	56	1.50	0.	1.0000	56	10.00	0.	1.0000
57	3.20	0.0176	0.7258	57	1.60	0.	1.0000	57	10.40	0.	1.0000
58	3.40	0.0198	0.7455	58	1.70	0.	1.0000	58	10.80	0.	1.0000
59	3.60	0.0191	0.7646	59	1.80	0.	1.0000	59	11.20	0.	1.0000
60	3.80	0.0191	0.7838	60	1.90	0.	1.0000	60	11.60	0.	1.0000
61	4.00	0.0223	0.8061	61	2.00	0.	1.0000	61	12.00	0.	1.0000
62	4.20	0.0205	0.8266	62	2.10	0.	1.0000				
63	4.40	0.0215	0.8481	63	2.20	0.	1.0000				
64	4.60	0.0231	0.8712	64	2.30	0.	1.0000				
65	4.80	0.0222	0.8934	65	2.40	0.	1.0000				
66	5.00	0.0189	0.9123	66	2.50	0.	1.0000				
67	5.20	0.0181	0.9303	67	2.60	0.	1.0000				
68	5.40	0.0155	0.9458	68	2.70	0.	1.0000				
69	5.60	0.0107	0.9565	69	2.80	0.	1.0000				
70	5.80	0.0093	0.9658	70	2.90	0.	1.0000				
71	6.00	0.0076	0.9734	71	3.00	0.	1.0000				
72	6.20	0.0066	0.9800	72	3.10	0.	1.0000				
73	6.40	0.0049	0.9849	73	3.20	0.	1.0000				
74	6.60	0.0057	0.9906	74	3.30	0.	1.0000				
75	6.80	0.0039	0.9944	75	3.40	0.	1.0000				
76	7.00	0.0034	0.9979	76	3.50	0.	1.0000				
77	7.20	0.0009	0.9987	77	3.60	0.	1.0000				
78	7.40	0.0013	1.0000	78	3.70	0.	1.0000				
79	7.60	0.	1.0000	79	3.80	0.	1.0000				
80	7.80	0.	1.0000	80	3.90	0.	1.0000				
81	8.00	0.	1.0000	81	4.00	0.	1.0000				

I - INTERVAL NUMBER X - INTERVAL CENTER VALUE

P(X) - PROBABILITY MASS FUNCTION F(X) - CUMULATIVE DISTRIBUTION FUNCTION

BAR HARBOR ME.

STATISTICS FOR OCTOBER

ASTRONOMICAL TIDE				STORM SURGE				TOTAL WATER LEVEL			
MEAN-0.00		STND DEV 3.62		MEAN 0.06		STND DEV 0.38		MEAN 0.06		STND DEV 3.86	
I	X	P(X)	F(X)	I	X	P(X)	F(X)	I	X	P(X)	F(X)
1	-8.00	0.	0.	1	-4.00	0.	0.	1	-12.00	0.	0.
2	-7.80	0.0001	0.0001	2	-3.90	0.	0.	2	-11.60	0.	0.
3	-7.60	0.0005	0.0006	3	-3.80	0.	0.	3	-11.20	0.	0.
4	-7.40	0.0005	0.0011	4	-3.70	0.	0.	4	-10.80	0.	0.
5	-7.20	0.0015	0.0026	5	-3.60	0.	0.	5	-10.40	0.	0.
6	-7.00	0.0028	0.0054	6	-3.50	0.	0.	6	-10.00	0.	0.
7	-6.80	0.0028	0.0082	7	-3.40	0.	0.	7	-9.60	0.	0.
8	-6.60	0.0053	0.0134	8	-3.30	0.	0.	8	-9.20	0.	0.
9	-6.40	0.0059	0.0193	9	-3.20	0.	0.	9	-8.80	0.	0.
10	-6.20	0.0074	0.0267	10	-3.10	0.	0.	10	-8.40	0.	0.
11	-6.00	0.0078	0.0345	11	-3.00	0.	0.	11	-8.00	0.0006	0.0006
12	-5.80	0.0104	0.0448	12	-2.90	0.	0.	12	-7.60	0.0019	0.0025
13	-5.60	0.0122	0.0570	13	-2.80	0.	0.	13	-7.20	0.0043	0.0068
14	-5.40	0.0127	0.0697	14	-2.70	0.	0.	14	-6.80	0.0071	0.0139
15	-5.20	0.0181	0.0878	15	-2.60	0.	0.	15	-6.40	0.0114	0.0253
16	-5.00	0.0215	0.1093	16	-2.50	0.	0.	16	-6.00	0.0158	0.0411
17	-4.80	0.0203	0.1295	17	-2.40	0.	0.	17	-5.60	0.0246	0.0657
18	-4.60	0.0205	0.1500	18	-2.30	0.	0.	18	-5.20	0.0326	0.0983
19	-4.40	0.0208	0.1708	19	-2.20	0.	0.	19	-4.80	0.0407	0.1389
20	-4.20	0.0220	0.1928	20	-2.10	0.	0.	20	-4.40	0.0410	0.1799
21	-4.00	0.0220	0.2148	21	-2.00	0.	0.	21	-4.00	0.0409	0.2207
22	-3.80	0.0208	0.2356	22	-1.90	0.	0.	22	-3.60	0.0360	0.2567
23	-3.60	0.0197	0.2553	23	-1.80	0.	0.	23	-3.20	0.0366	0.2933
24	-3.40	0.0184	0.2737	24	-1.70	0.	0.	24	-2.80	0.0328	0.3261
25	-3.20	0.0160	0.2898	25	-1.60	0.	0.	25	-2.40	0.0296	0.3557
26	-3.00	0.0182	0.3080	26	-1.50	0.	0.	26	-2.00	0.0280	0.3836
27	-2.80	0.0155	0.3234	27	-1.40	0.0002	0.0002	27	-1.60	0.0260	0.4097
28	-2.60	0.0151	0.3385	28	-1.30	0.0003	0.0005	28	-1.20	0.0249	0.4346
29	-2.40	0.0128	0.3513	29	-1.20	0.0006	0.0011	29	-0.80	0.0234	0.4579
30	-2.20	0.0148	0.3661	30	-1.10	0.0008	0.0019	30	-0.40	0.0260	0.4839
31	-2.00	0.0135	0.3796	31	-1.00	0.0006	0.0025	31	0.	0.0259	0.5099
32	-1.80	0.0133	0.3929	32	-0.90	0.0021	0.0047	32	0.40	0.0230	0.5328
33	-1.60	0.0137	0.4066	33	-0.80	0.0034	0.0080	33	0.80	0.0255	0.5583
34	-1.40	0.0145	0.4211	34	-0.70	0.0079	0.0160	34	1.20	0.0248	0.5831
35	-1.20	0.0131	0.4341	35	-0.60	0.0187	0.0347	35	1.60	0.0241	0.6072
36	-1.00	0.0107	0.4448	36	-0.50	0.0382	0.0729	36	2.00	0.0271	0.6344
37	-0.80	0.0119	0.4567	37	-0.40	0.0584	0.1313	37	2.40	0.0280	0.6623
38	-0.60	0.0116	0.4683	38	-0.30	0.0781	0.2094	38	2.80	0.0335	0.6958
39	-0.40	0.0117	0.4800	39	-0.20	0.0984	0.3077	39	3.20	0.0364	0.7322
40	-0.20	0.0136	0.4937	40	-0.10	0.1006	0.4083	40	3.60	0.0369	0.7691
41	0.	0.0124	0.5061	41	0.	0.1102	0.5185	41	4.00	0.0396	0.8087
42	0.20	0.0130	0.5190	42	0.10	0.1000	0.6185	42	4.40	0.0438	0.8525
43	0.40	0.0119	0.5309	43	0.20	0.0940	0.7125	43	4.80	0.0388	0.8914
44	0.60	0.0122	0.5431	44	0.30	0.0762	0.7887	44	5.20	0.0353	0.9266
45	0.80	0.0130	0.5561	45	0.40	0.0616	0.8503	45	5.60	0.0256	0.9522
46	1.00	0.0130	0.5690	46	0.50	0.0468	0.8971	46	6.00	0.0183	0.9705
47	1.20	0.0119	0.5809	47	0.60	0.0333	0.9304	47	6.40	0.0154	0.9859
48	1.40	0.0126	0.5935	48	0.70	0.0229	0.9532	48	6.80	0.0077	0.9936
49	1.60	0.0136	0.6071	49	0.80	0.0200	0.9733	49	7.20	0.0046	0.9982
50	1.80	0.0141	0.6213	50	0.90	0.0110	0.9843	50	7.60	0.0016	0.9998
51	2.00	0.0111	0.6324	51	1.00	0.0071	0.9914	51	8.00	0.0002	1.0000
52	2.20	0.0143	0.6467	52	1.10	0.0041	0.9954	52	8.40	0.	1.0000
53	2.40	0.0143	0.6610	53	1.20	0.0018	0.9973	53	8.80	0.	1.0000
54	2.60	0.0137	0.6747	54	1.30	0.0011	0.9984	54	9.20	0.	1.0000
55	2.80	0.0164	0.6912	55	1.40	0.0002	0.9986	55	9.60	0.	1.0000
56	3.00	0.0171	0.7082	56	1.50	0.0001	0.9987	56	10.00	0.	1.0000
57	3.20	0.0189	0.7272	57	1.60	0.0004	0.9991	57	10.40	0.	1.0000
58	3.40	0.0185	0.7457	58	1.70	0.0001	0.9992	58	10.80	0.	1.0000
59	3.60	0.0203	0.7660	59	1.80	0.0001	0.9993	59	11.20	0.	1.0000
60	3.80	0.0210	0.7871	60	1.90	0.0001	0.9994	60	11.60	0.	1.0000
61	4.00	0.0191	0.8062	61	2.00	0.0001	0.9995	61	12.00	0.	1.0000
62	4.20	0.0228	0.8289	62	2.10	0.	0.9995				
63	4.40	0.0220	0.8509	63	2.20	0.0001	0.9996				
64	4.60	0.0229	0.8738	64	2.30	0.0003	0.9999				
65	4.80	0.0199	0.8936	65	2.40	0.0001	1.0000				
66	5.00	0.0187	0.9124	66	2.50	0.	1.0000				
67	5.20	0.0168	0.9292	67	2.60	0.	1.0000				
68	5.40	0.0151	0.9442	68	2.70	0.	1.0000				
69	5.60	0.0119	0.9561	69	2.80	0.	1.0000				
70	5.80	0.0088	0.9650	70	2.90	0.	1.0000				
71	6.00	0.0088	0.9738	71	3.00	0.	1.0000				
72	6.20	0.0062	0.9800	72	3.10	0.	1.0000				
73	6.40	0.0056	0.9856	73	3.20	0.	1.0000				
74	6.60	0.0050	0.9906	74	3.30	0.	1.0000				
75	6.80	0.0032	0.9938	75	3.40	0.	1.0000				
76	7.00	0.0027	0.9964	76	3.50	0.	1.0000				
77	7.20	0.0015	0.9980	77	3.60	0.	1.0000				
78	7.40	0.0010	0.9989	78	3.70	0.	1.0000				
79	7.60	0.0008	0.9997	79	3.80	0.	1.0000				
80	7.80	0.0003	1.0000	80	3.90	0.	1.0000				
81	8.00	0.	1.0000	81	4.00	0.	1.0000				

I - INTERVAL NUMBER X - INTERVAL CENTER VALUE

P(X) - PROBABILITY MASS FUNCTION F(X) - CUMULATIVE DISTRIBUTION FUNCTION

BAR HARBOR ME.

STATISTICS FOR NOVEMBER

ASTRONOMICAL TIDE

MEAN-0.00 STND DEV 3.81

I	X	P(X)	F(X)
1	-8.00	0.	0.
2	-7.80	0.	0.
3	-7.60	0.0009	0.0009
4	-7.40	0.0010	0.0020
5	-7.20	0.0017	0.0037
6	-7.00	0.0027	0.0064
7	-6.80	0.0032	0.0096
8	-6.60	0.0044	0.0140
9	-6.40	0.0051	0.0191
10	-6.20	0.0049	0.0240
11	-6.00	0.0082	0.0322
12	-5.80	0.0123	0.0444
13	-5.60	0.0123	0.0567
14	-5.40	0.0159	0.0726
15	-5.20	0.0179	0.0905
16	-5.00	0.0167	0.1072
17	-4.80	0.0190	0.1262
18	-4.60	0.0228	0.1490
19	-4.40	0.0220	0.1710
20	-4.20	0.0219	0.1928
21	-4.00	0.0210	0.2138
22	-3.80	0.0207	0.2345
23	-3.60	0.0203	0.2548
24	-3.40	0.0208	0.2756
25	-3.20	0.0159	0.2914
26	-3.00	0.0162	0.3076
27	-2.80	0.0162	0.3238
28	-2.60	0.0137	0.3375
29	-2.40	0.0156	0.3531
30	-2.20	0.0154	0.3685
31	-2.00	0.0140	0.3825
32	-1.80	0.0122	0.3947
33	-1.60	0.0117	0.4064
34	-1.40	0.0131	0.4194
35	-1.20	0.0123	0.4317
36	-1.00	0.0133	0.4450
37	-0.80	0.0117	0.4567
38	-0.60	0.0118	0.4685
39	-0.40	0.0138	0.4823
40	-0.20	0.0132	0.4955
41	0.	0.0115	0.5069
42	0.20	0.0109	0.5178
43	0.40	0.0144	0.5322
44	0.60	0.0119	0.5441
45	0.80	0.0126	0.5567
46	1.00	0.0131	0.5698
47	1.20	0.0111	0.5809
48	1.40	0.0118	0.5927
49	1.60	0.0138	0.6065
50	1.80	0.0132	0.6197
51	2.00	0.0134	0.6331
52	2.20	0.0137	0.6468
53	2.40	0.0149	0.6617
54	2.60	0.0145	0.6762
55	2.80	0.0153	0.6914
56	3.00	0.0163	0.7078
57	3.20	0.0179	0.7257
58	3.40	0.0186	0.7443
59	3.60	0.0197	0.7640
60	3.80	0.0229	0.7869
61	4.00	0.0222	0.8091
62	4.20	0.0255	0.8346
63	4.40	0.0213	0.8559
64	4.60	0.0189	0.8748
65	4.80	0.0206	0.8954
66	5.00	0.0188	0.9141
67	5.20	0.0163	0.9304
68	5.40	0.0146	0.9450
69	5.60	0.0122	0.9572
70	5.80	0.0093	0.9664
71	6.00	0.0074	0.9738
72	6.20	0.0063	0.9801
73	6.40	0.0041	0.9841
74	6.60	0.0049	0.9890
75	6.80	0.0028	0.9918
76	7.00	0.0024	0.9942
77	7.20	0.0022	0.9964
78	7.40	0.0019	0.9983
79	7.60	0.0010	0.9993
80	7.80	0.0006	0.9999
81	8.00	0.0001	1.0000

STORM SURGE

MEAN 0.08 STND DEV 0.41

I	X	P(X)	F(X)
1	-4.00	0.	0.
2	-3.90	0.	0.
3	-3.80	0.	0.
4	-3.70	0.	0.
5	-3.60	0.	0.
6	-3.50	0.	0.
7	-3.40	0.	0.
8	-3.30	0.	0.
9	-3.20	0.	0.
10	-3.10	0.	0.
11	-3.00	0.	0.
12	-2.90	0.	0.
13	-2.80	0.	0.
14	-2.70	0.	0.
15	-2.60	0.	0.
16	-2.50	0.	0.
17	-2.40	0.	0.
18	-2.30	0.	0.
19	-2.20	0.	0.
20	-2.10	0.	0.
21	-2.00	0.	0.
22	-1.90	0.0001	0.0001
23	-1.80	0.0001	0.0002
24	-1.70	0.0002	0.0005
25	-1.60	0.0005	0.0009
26	-1.50	0.0005	0.0014
27	-1.40	0.0006	0.0020
28	-1.30	0.0014	0.0034
29	-1.20	0.0012	0.0045
30	-1.10	0.0027	0.0072
31	-1.00	0.0030	0.0102
32	-0.90	0.0057	0.0160
33	-0.80	0.0065	0.0225
34	-0.70	0.0099	0.0324
35	-0.60	0.0190	0.0513
36	-0.50	0.0371	0.0885
37	-0.40	0.0552	0.1436
38	-0.30	0.0653	0.2089
39	-0.20	0.0826	0.2916
40	-0.10	0.0914	0.3829
41	0.	0.0974	0.4803
42	0.10	0.0950	0.5753
43	0.20	0.0895	0.6648
44	0.30	0.0868	0.7516
45	0.40	0.0722	0.8238
46	0.50	0.0565	0.8802
47	0.60	0.0397	0.9199
48	0.70	0.0319	0.9518
49	0.80	0.0186	0.9704
50	0.90	0.0105	0.9809
51	1.00	0.0073	0.9882
52	1.10	0.0048	0.9930
53	1.20	0.0027	0.9957
54	1.30	0.0020	0.9977
55	1.40	0.0013	0.9990
56	1.50	0.0007	0.9997
57	1.60	0.0003	1.0000
58	1.70	0.	1.0000
59	1.80	0.	1.0000
60	1.90	0.	1.0000
61	2.00	0.	1.0000
62	2.10	0.	1.0000
63	2.20	0.	1.0000
64	2.30	0.	1.0000
65	2.40	0.	1.0000
66	2.50	0.	1.0000
67	2.60	0.	1.0000
68	2.70	0.	1.0000
69	2.80	0.	1.0000
70	2.90	0.	1.0000
71	3.00	0.	1.0000
72	3.10	0.	1.0000
73	3.20	0.	1.0000
74	3.30	0.	1.0000
75	3.40	0.	1.0000
76	3.50	0.	1.0000
77	3.60	0.	1.0000
78	3.70	0.	1.0000
79	3.80	0.	1.0000
80	3.90	0.	1.0000
81	4.00	0.	1.0000

TOTAL WATER LEVEL

MEAN 0.07 STND DEV 3.84

I	X	P(X)	F(X)
1	-12.00	0.	0.
2	-11.60	0.	0.
3	-11.20	0.	0.
4	-10.80	0.	0.
5	-10.40	0.	0.
6	-10.00	0.	0.
7	-9.60	0.	0.
8	-9.20	0.	0.
9	-8.80	0.0001	0.0001
10	-8.40	0.0002	0.0003
11	-8.00	0.0007	0.0011
12	-7.60	0.0008	0.0019
13	-7.20	0.0045	0.0064
14	-6.80	0.0054	0.0118
15	-6.40	0.0126	0.0243
16	-6.00	0.0156	0.0399
17	-5.60	0.0249	0.0648
18	-5.20	0.0304	0.0952
19	-4.80	0.0371	0.1323
20	-4.40	0.0424	0.1747
21	-4.00	0.0383	0.2130
22	-3.60	0.0409	0.2538
23	-3.20	0.0377	0.2916
24	-2.80	0.0350	0.3266
25	-2.40	0.0289	0.3555
26	-2.00	0.0248	0.3802
27	-1.60	0.0268	0.4070
28	-1.20	0.0251	0.4322
29	-0.80	0.0241	0.4562
30	-0.40	0.0240	0.4802
31	0.	0.0262	0.5064
32	0.40	0.0242	0.5326
33	0.80	0.0244	0.5570
34	1.20	0.0236	0.5807
35	1.60	0.0275	0.6081
36	2.00	0.0272	0.6354
37	2.40	0.0275	0.6628
38	2.80	0.0301	0.6930
39	3.20	0.0379	0.7309
40	3.60	0.0404	0.7713
41	4.00	0.0418	0.8131
42	4.40	0.0398	0.8529
43	4.80	0.0423	0.8951
44	5.20	0.0342	0.9294
45	5.60	0.0254	0.9547
46	6.00	0.0169	0.9716
47	6.40	0.0120	0.9836
48	6.80	0.0079	0.9915
49	7.20	0.0048	0.9963
50	7.60	0.0020	0.9983
51	8.00	0.0014	0.9997
52	8.40	0.0003	1.0000
53	8.80	0.	1.0000
54	9.20	0.	1.0000
55	9.60	0.	1.0000
56	10.00	0.	1.0000
57	10.40	0.	1.0000
58	10.80	0.	1.0000
59	11.20	0.	1.0000
60	11.60	0.	1.0000
61	12.00	0.	1.0000

I - INTERVAL NUMBER X - INTERVAL CENTER VALUE

P(X) - PROBABILITY MASS FUNCTION F(X) - CUMULATIVE DISTRIBUTION FUNCTION

BAR HARBOR ME.

STATISTICS FOR DECEMBER

ASTRONOMICAL TIDE				STORM SURGE				TOTAL WATER LEVEL			
MEAN-0.01		STND DEV 3.80		MEAN-0.06		STND DEV 0.49		MEAN-0.06		STND DEV 3.84	
I	X	P(X)	F(X)	I	X	P(X)	F(X)	I	X	P(X)	F(X)
1	-8.00	0.	0.	1	-4.00	0.	0.	1	-12.00	0.	0.
2	-7.80	0.0002	0.0002	2	-3.90	0.	0.	2	-11.60	0.	0.
3	-7.60	0.0008	0.0010	3	-3.80	0.	0.	3	-11.20	0.	0.
4	-7.40	0.0017	0.0027	4	-3.70	0.	0.	4	-10.80	0.	0.
5	-7.20	0.0012	0.0038	5	-3.60	0.	0.	5	-10.40	0.	0.
6	-7.00	0.0023	0.0061	6	-3.50	0.	0.	6	-10.00	0.	0.
7	-6.80	0.0026	0.0087	7	-3.40	0.	0.	7	-9.60	0.	0.
8	-6.60	0.0035	0.0122	8	-3.30	0.	0.	8	-9.20	0.	0.
9	-6.40	0.0050	0.0172	9	-3.20	0.	0.	9	-8.80	0.	0.
10	-6.20	0.0077	0.0249	10	-3.10	0.	0.	10	-8.40	0.0004	0.0004
11	-6.00	0.0080	0.0328	11	-3.00	0.	0.	11	-8.00	0.0018	0.0022
12	-5.80	0.0082	0.0410	12	-2.90	0.	0.	12	-7.60	0.0018	0.0040
13	-5.60	0.0116	0.0526	13	-2.80	0.	0.	13	-7.20	0.0042	0.0083
14	-5.40	0.0159	0.0686	14	-2.70	0.	0.	14	-6.80	0.0071	0.0154
15	-5.20	0.0189	0.0875	15	-2.60	0.	0.	15	-6.40	0.0134	0.0288
16	-5.00	0.0182	0.1057	16	-2.50	0.	0.	16	-6.00	0.0177	0.0465
17	-4.80	0.0203	0.1261	17	-2.40	0.	0.	17	-5.60	0.0241	0.0706
18	-4.60	0.0203	0.1463	18	-2.30	0.	0.	18	-5.20	0.0330	0.1036
19	-4.40	0.0229	0.1692	19	-2.20	0.	0.	19	-4.80	0.0413	0.1449
20	-4.20	0.0223	0.1914	20	-2.10	0.	0.	20	-4.40	0.0407	0.1856
21	-4.00	0.0229	0.2144	21	-2.00	0.	0.	21	-4.00	0.0403	0.2259
22	-3.80	0.0191	0.2335	22	-1.90	0.	0.	22	-3.60	0.0413	0.2672
23	-3.60	0.0229	0.2564	23	-1.80	0.	0.	23	-3.20	0.0353	0.3025
24	-3.40	0.0179	0.2743	24	-1.70	0.0002	0.0002	24	-2.80	0.0304	0.3330
25	-3.20	0.0184	0.2927	25	-1.60	0.0011	0.0013	25	-2.40	0.0299	0.3628
26	-3.00	0.0173	0.3100	26	-1.50	0.0013	0.0026	26	-2.00	0.0270	0.3898
27	-2.80	0.0146	0.3246	27	-1.40	0.0024	0.0050	27	-1.60	0.0282	0.4180
28	-2.60	0.0135	0.3381	28	-1.30	0.0035	0.0085	28	-1.20	0.0256	0.4438
29	-2.40	0.0140	0.3522	29	-1.20	0.0050	0.0134	29	-0.80	0.0251	0.4689
30	-2.20	0.0142	0.3664	30	-1.10	0.0074	0.0208	30	-0.40	0.0233	0.4922
31	-2.00	0.0143	0.3807	31	-1.00	0.0095	0.0303	31	0.	0.0229	0.5152
32	-1.80	0.0131	0.3937	32	-0.90	0.0157	0.0460	32	0.40	0.0259	0.5411
33	-1.60	0.0150	0.4087	33	-0.80	0.0191	0.0651	33	0.80	0.0245	0.5656
34	-1.40	0.0115	0.4202	34	-0.70	0.0317	0.0968	34	1.20	0.0267	0.5923
35	-1.20	0.0125	0.4327	35	-0.60	0.0429	0.1397	35	1.60	0.0277	0.6199
36	-1.00	0.0116	0.4443	36	-0.50	0.0619	0.2016	36	2.00	0.0269	0.6468
37	-0.80	0.0132	0.4575	37	-0.40	0.0705	0.2721	37	2.40	0.0294	0.6762
38	-0.60	0.0125	0.4700	38	-0.30	0.0807	0.3527	38	2.80	0.0335	0.7097
39	-0.40	0.0121	0.4821	39	-0.20	0.0968	0.4495	39	3.20	0.0360	0.7457
40	-0.20	0.0133	0.4953	40	-0.10	0.0952	0.5248	40	3.60	0.0431	0.7888
41	0.	0.0115	0.5068	41	0.	0.0808	0.6056	41	4.00	0.0410	0.8298
42	0.20	0.0119	0.5187	42	0.10	0.0817	0.6873	42	4.40	0.0387	0.8685
43	0.40	0.0127	0.5314	43	0.20	0.0711	0.7585	43	4.80	0.0364	0.9049
44	0.60	0.0117	0.5431	44	0.30	0.0584	0.8168	44	5.20	0.0305	0.9354
45	0.80	0.0131	0.5562	45	0.40	0.0476	0.8644	45	5.60	0.0224	0.9578
46	1.00	0.0140	0.5702	46	0.50	0.0361	0.9005	46	6.00	0.0173	0.9750
47	1.20	0.0104	0.5806	47	0.60	0.0273	0.9278	47	6.40	0.0108	0.9858
48	1.40	0.0133	0.5939	48	0.70	0.0181	0.9458	48	6.80	0.0061	0.9919
49	1.60	0.0136	0.6075	49	0.80	0.0151	0.9609	49	7.20	0.0048	0.9967
50	1.80	0.0131	0.6206	50	0.90	0.0104	0.9713	50	7.60	0.0014	0.9982
51	2.00	0.0136	0.6342	51	1.00	0.0079	0.9792	51	8.00	0.0014	0.9996
52	2.20	0.0138	0.6480	52	1.10	0.0046	0.9838	52	8.40	0.0002	0.9998
53	2.40	0.0147	0.6627	53	1.20	0.0045	0.9883	53	8.80	0.0001	0.9999
54	2.60	0.0124	0.6751	54	1.30	0.0033	0.9916	54	9.20	0.	0.9999
55	2.80	0.0171	0.6922	55	1.40	0.0027	0.9942	55	9.60	0.0001	1.0000
56	3.00	0.0182	0.7105	56	1.50	0.0017	0.9960	56	10.00	0.	1.0000
57	3.20	0.0170	0.7274	57	1.60	0.0012	0.9971	57	10.40	0.	1.0000
58	3.40	0.0192	0.7466	58	1.70	0.0010	0.9981	58	10.80	0.	1.0000
59	3.60	0.0189	0.7656	59	1.80	0.0008	0.9989	59	11.20	0.	1.0000
60	3.80	0.0230	0.7886	60	1.90	0.0005	0.9996	60	11.60	0.	1.0000
61	4.00	0.0229	0.8115	61	2.00	0.0002	0.9998	61	12.00	0.	1.0000
62	4.20	0.0212	0.8328	62	2.10	0.0002	1.0000				
63	4.40	0.0232	0.8560	63	2.20	0.	1.0000				
64	4.60	0.0208	0.8768	64	2.30	0.	1.0000				
65	4.80	0.0203	0.8971	65	2.40	0.	1.0000				
66	5.00	0.0174	0.9145	66	2.50	0.	1.0000				
67	5.20	0.0177	0.9321	67	2.60	0.	1.0000				
68	5.40	0.0147	0.9468	68	2.70	0.	1.0000				
69	5.60	0.0103	0.9571	69	2.80	0.	1.0000				
70	5.80	0.0089	0.9660	70	2.90	0.	1.0000				
71	6.00	0.0088	0.9748	71	3.00	0.	1.0000				
72	6.20	0.0067	0.9816	72	3.10	0.	1.0000				
73	6.40	0.0047	0.9863	73	3.20	0.	1.0000				
74	6.60	0.0030	0.9892	74	3.30	0.	1.0000				
75	6.80	0.0023	0.9916	75	3.40	0.	1.0000				
76	7.00	0.0029	0.9944	76	3.50	0.	1.0000				
77	7.20	0.0023	0.9967	77	3.60	0.	1.0000				
78	7.40	0.0009	0.9976	78	3.70	0.	1.0000				
79	7.60	0.0015	0.9991	79	3.80	0.	1.0000				
80	7.80	0.0007	0.9998	80	3.90	0.	1.0000				
81	8.00	0.0002	1.0000	81	4.00	0.	1.0000				

I - INTERVAL NUMBER X - INTERVAL CENTER VALUE

P(X) - PROBABILITY MASS FUNCTION F(X) - CUMULATIVE DISTRIBUTION FUNCTION

PORTLAND ME.

YEARLY STATISTICS

ASTRONOMICAL TIDE				STORM SURGE				TOTAL WATER LEVEL			
MEAN-0.00		STND DEV 3.25		MEAN 0.01		STND DEV 0.40		MEAN 0.01		STND DEV 3.27	
I	X	P(X)	F(X)	I	X	P(X)	F(X)	I	X	P(X)	F(X)
1	-8.00	0.	0.0000	1	-4.00	0.	0.0000	1	-8.00	0.0000	0.0000
2	-7.80	0.	0.0000	2	-3.90	0.	0.0000	2	-7.80	0.0000	0.0000
3	-7.60	0.	0.0000	3	-3.80	0.	0.0000	3	-7.60	0.0000	0.0000
4	-7.40	0.	0.0000	4	-3.70	0.	0.0000	4	-7.40	0.0001	0.0001
5	-7.20	0.	0.0000	5	-3.60	0.	0.0000	5	-7.20	0.0001	0.0002
6	-7.00	0.0000	0.0000	6	-3.50	0.	0.0000	6	-7.00	0.0003	0.0005
7	-6.80	0.0001	0.0001	7	-3.40	0.	0.0000	7	-6.80	0.0005	0.0010
8	-6.60	0.0007	0.0008	8	-3.30	0.	0.0000	8	-6.60	0.0009	0.0019
9	-6.40	0.0012	0.0020	9	-3.20	0.	0.0000	9	-6.40	0.0015	0.0034
10	-6.20	0.0020	0.0040	10	-3.10	0.	0.0000	10	-6.20	0.0025	0.0059
11	-6.00	0.0028	0.0068	11	-3.00	0.	0.0000	11	-6.00	0.0033	0.0092
12	-5.80	0.0040	0.0107	12	-2.90	0.	0.0000	12	-5.80	0.0044	0.0136
13	-5.60	0.0051	0.0158	13	-2.80	0.	0.0000	13	-5.60	0.0056	0.0192
14	-5.40	0.0064	0.0222	14	-2.70	0.	0.0000	14	-5.40	0.0072	0.0264
15	-5.20	0.0084	0.0306	15	-2.60	0.	0.0000	15	-5.20	0.0089	0.0353
16	-5.00	0.0107	0.0412	16	-2.50	0.	0.0000	16	-5.00	0.0112	0.0465
17	-4.80	0.0140	0.0553	17	-2.40	0.	0.0000	17	-4.80	0.0138	0.0604
18	-4.60	0.0178	0.0731	18	-2.30	0.0000	0.0000	18	-4.60	0.0170	0.0773
19	-4.40	0.0202	0.0933	19	-2.20	0.	0.0000	19	-4.40	0.0199	0.0972
20	-4.20	0.0218	0.1151	20	-2.10	0.0000	0.0000	20	-4.20	0.0212	0.1184
21	-4.00	0.0233	0.1384	21	-2.00	0.0000	0.0001	21	-4.00	0.0227	0.1411
22	-3.80	0.0251	0.1635	22	-1.90	0.0000	0.0001	22	-3.80	0.0232	0.1643
23	-3.60	0.0257	0.1892	23	-1.80	0.0000	0.0001	23	-3.60	0.0246	0.1889
24	-3.40	0.0262	0.2154	24	-1.70	0.0002	0.0003	24	-3.40	0.0244	0.2133
25	-3.20	0.0246	0.2400	25	-1.60	0.0003	0.0006	25	-3.20	0.0237	0.2370
26	-3.00	0.0234	0.2634	26	-1.50	0.0004	0.0010	26	-3.00	0.0225	0.2595
27	-2.80	0.0218	0.2853	27	-1.40	0.0006	0.0016	27	-2.80	0.0221	0.2816
28	-2.60	0.0197	0.3050	28	-1.30	0.0009	0.0025	28	-2.60	0.0208	0.3024
29	-2.40	0.0189	0.3239	29	-1.20	0.0014	0.0039	29	-2.40	0.0187	0.3211
30	-2.20	0.0175	0.3414	30	-1.10	0.0022	0.0061	30	-2.20	0.0176	0.3387
31	-2.00	0.0168	0.3582	31	-1.00	0.0035	0.0096	31	-2.00	0.0174	0.3560
32	-1.80	0.0164	0.3745	32	-0.90	0.0056	0.0152	32	-1.80	0.0160	0.3720
33	-1.60	0.0155	0.3901	33	-0.80	0.0092	0.0243	33	-1.60	0.0154	0.3874
34	-1.40	0.0155	0.4055	34	-0.70	0.0138	0.0381	34	-1.40	0.0157	0.4031
35	-1.20	0.0152	0.4207	35	-0.60	0.0214	0.0595	35	-1.20	0.0151	0.4182
36	-1.00	0.0147	0.4355	36	-0.50	0.0341	0.0936	36	-1.00	0.0147	0.4329
37	-0.80	0.0149	0.4504	37	-0.40	0.0533	0.1471	37	-0.80	0.0145	0.4474
38	-0.60	0.0144	0.4648	38	-0.30	0.0784	0.2254	38	-0.60	0.0146	0.4620
39	-0.40	0.0139	0.4787	39	-0.20	0.1042	0.3296	39	-0.40	0.0146	0.4766
40	-0.20	0.0146	0.4933	40	-0.10	0.1197	0.4492	40	-0.20	0.0142	0.4907
41	0.	0.0142	0.5075	41	0.	0.1220	0.5712	41	0.	0.0145	0.5053
42	0.20	0.0145	0.5219	42	0.10	0.1101	0.6813	42	0.20	0.0137	0.5190
43	0.40	0.0145	0.5364	43	0.20	0.0910	0.7724	43	0.40	0.0146	0.5335
44	0.60	0.0143	0.5507	44	0.30	0.0681	0.8405	44	0.60	0.0139	0.5474
45	0.80	0.0148	0.5654	45	0.40	0.0479	0.8884	45	0.80	0.0145	0.5619
46	1.00	0.0151	0.5805	46	0.50	0.0344	0.9228	46	1.00	0.0152	0.5771
47	1.20	0.0146	0.5951	47	0.60	0.0227	0.9455	47	1.20	0.0153	0.5924
48	1.40	0.0158	0.6109	48	0.70	0.0156	0.9611	48	1.40	0.0150	0.6074
49	1.60	0.0160	0.6269	49	0.80	0.0105	0.9715	49	1.60	0.0166	0.6240
50	1.80	0.0159	0.6428	50	0.90	0.0073	0.9791	50	1.80	0.0166	0.6406
51	2.00	0.0170	0.6598	51	1.00	0.0055	0.9846	51	2.00	0.0172	0.6579
52	2.20	0.0179	0.6778	52	1.10	0.0043	0.9889	52	2.20	0.0181	0.6760
53	2.40	0.0190	0.6968	53	1.20	0.0029	0.9919	53	2.40	0.0193	0.6952
54	2.60	0.0204	0.7172	54	1.30	0.0020	0.9939	54	2.60	0.0218	0.7170
55	2.80	0.0216	0.7388	55	1.40	0.0014	0.9952	55	2.80	0.0222	0.7392
56	3.00	0.0231	0.7619	56	1.50	0.0013	0.9965	56	3.00	0.0229	0.7621
57	3.20	0.0242	0.7861	57	1.60	0.0009	0.9974	57	3.20	0.0240	0.7860
58	3.40	0.0254	0.8115	58	1.70	0.0007	0.9981	58	3.40	0.0249	0.8110
59	3.60	0.0257	0.8372	59	1.80	0.0004	0.9985	59	3.60	0.0245	0.8355
60	3.80	0.0246	0.8618	60	1.90	0.0004	0.9989	60	3.80	0.0245	0.8600
61	4.00	0.0228	0.8845	61	2.00	0.0003	0.9992	61	4.00	0.0229	0.8828
62	4.20	0.0209	0.9054	62	2.10	0.0003	0.9994	62	4.20	0.0210	0.9039
63	4.40	0.0199	0.9253	63	2.20	0.0002	0.9996	63	4.40	0.0193	0.9231
64	4.60	0.0174	0.9426	64	2.30	0.0001	0.9997	64	4.60	0.0166	0.9397
65	4.80	0.0141	0.9567	65	2.40	0.0001	0.9998	65	4.80	0.0142	0.9539
66	5.00	0.0110	0.9678	66	2.50	0.0001	0.9999	66	5.00	0.0117	0.9656
67	5.20	0.0085	0.9763	67	2.60	0.0001	0.9999	67	5.20	0.0092	0.9748
68	5.40	0.0066	0.9829	68	2.70	0.0000	0.9999	68	5.40	0.0070	0.9818
69	5.60	0.0052	0.9880	69	2.80	0.0000	1.0000	69	5.60	0.0057	0.9875
70	5.80	0.0041	0.9921	70	2.90	0.0000	1.0000	70	5.80	0.0040	0.9915
71	6.00	0.0031	0.9952	71	3.00	0.	1.0000	71	6.00	0.0031	0.9946
72	6.20	0.0022	0.9974	72	3.10	0.0000	1.0000	72	6.20	0.0021	0.9967
73	6.40	0.0015	0.9989	73	3.20	0.	1.0000	73	6.40	0.0013	0.9980
74	6.60	0.0008	0.9997	74	3.30	0.	1.0000	74	6.60	0.0010	0.9989
75	6.80	0.0003	1.0000	75	3.40	0.0000	1.0000	75	6.80	0.0005	0.9995
76	7.00	0.0000	1.0000	76	3.50	0.	1.0000	76	7.00	0.0003	0.9997
77	7.20	0.	1.0000	77	3.60	0.	1.0000	77	7.20	0.0001	0.9999
78	7.40	0.	1.0000	78	3.70	0.	1.0000	78	7.40	0.0001	0.9999
79	7.60	0.	1.0000	79	3.80	0.	1.0000	79	7.60	0.0000	1.0000
80	7.80	0.	1.0000	80	3.90	0.	1.0000	80	7.80	0.0000	1.0000
81	8.00	0.	1.0000	81	4.00	0.	1.0000	81	8.00	0.0000	1.0000

I - INTERVAL NUMBER X - INTERVAL CENTER VALUE

P(X) - PROBABILITY MASS FUNCTION F(X) - CUMULATIVE DISTRIBUTION FUNCTION

PORTLAND ME.

STATISTICS FOR JANUARY

ASTRONOMICAL TIDE				STORM SURGE				TOTAL WATER LEVEL			
MEAN-0.13		STND DEV 3.26		MEAN 0.03		STND DEV 0.49		MEAN-0.09		STND DEV 3.29	
I	X	P(X)	F(X)	I	X	P(X)	F(X)	I	X	P(X)	F(X)
1	-8.00	0.	0.	1	-4.00	0.	0.	1	-8.00	0.	0.
2	-7.80	0.	0.	2	-3.90	0.	0.	2	-7.80	0.	0.
3	-7.60	0.	0.	3	-3.80	0.	0.	3	-7.60	0.	0.
4	-7.40	0.	0.	4	-3.70	0.	0.	4	-7.40	0.0001	0.0001
5	-7.20	0.	0.	5	-3.60	0.	0.	5	-7.20	0.0002	0.0003
6	-7.00	0.	0.	6	-3.50	0.	0.	6	-7.00	0.0006	0.0010
7	-6.80	0.0001	0.0001	7	-3.40	0.	0.	7	-6.80	0.0008	0.0018
8	-6.60	0.0013	0.0013	8	-3.30	0.	0.	8	-6.60	0.0016	0.0034
9	-6.40	0.0016	0.0029	9	-3.20	0.	0.	9	-6.40	0.0021	0.0055
10	-6.20	0.0023	0.0052	10	-3.10	0.	0.	10	-6.20	0.0036	0.0091
11	-6.00	0.0030	0.0082	11	-3.00	0.	0.	11	-6.00	0.0044	0.0135
12	-5.80	0.0040	0.0122	12	-2.90	0.	0.	12	-5.80	0.0045	0.0180
13	-5.60	0.0059	0.0181	13	-2.80	0.	0.	13	-5.60	0.0061	0.0241
14	-5.40	0.0079	0.0260	14	-2.70	0.	0.	14	-5.40	0.0094	0.0335
15	-5.20	0.0092	0.0352	15	-2.60	0.	0.	15	-5.20	0.0130	0.0465
16	-5.00	0.0126	0.0478	16	-2.50	0.	0.	16	-5.00	0.0134	0.0599
17	-4.80	0.0183	0.0661	17	-2.40	0.	0.	17	-4.80	0.0149	0.0748
18	-4.60	0.0202	0.0862	18	-2.30	0.	0.	18	-4.60	0.0171	0.0918
19	-4.40	0.0202	0.1065	19	-2.20	0.	0.	19	-4.40	0.0185	0.1103
20	-4.20	0.0234	0.1299	20	-2.10	0.	0.	20	-4.20	0.0213	0.1316
21	-4.00	0.0246	0.1544	21	-2.00	0.0001	0.0001	21	-4.00	0.0205	0.1521
22	-3.80	0.0256	0.1800	22	-1.90	0.	0.0001	22	-3.80	0.0260	0.1781
23	-3.60	0.0250	0.2050	23	-1.80	0.0001	0.0001	23	-3.60	0.0220	0.2001
24	-3.40	0.0287	0.2337	24	-1.70	0.0001	0.0003	24	-3.40	0.0231	0.2231
25	-3.20	0.0243	0.2580	25	-1.60	0.0004	0.0007	25	-3.20	0.0228	0.2459
26	-3.00	0.0214	0.2794	26	-1.50	0.0005	0.0012	26	-3.00	0.0235	0.2694
27	-2.80	0.0213	0.3007	27	-1.40	0.0011	0.0023	27	-2.80	0.0231	0.2924
28	-2.60	0.0165	0.3171	28	-1.30	0.0018	0.0041	28	-2.60	0.0181	0.3106
29	-2.40	0.0191	0.3362	29	-1.20	0.0029	0.0070	29	-2.40	0.0202	0.3308
30	-2.20	0.0156	0.3519	30	-1.10	0.0047	0.0117	30	-2.20	0.0173	0.3480
31	-2.00	0.0174	0.3693	31	-1.00	0.0076	0.0194	31	-2.00	0.0193	0.3664
32	-1.80	0.0156	0.3849	32	-0.90	0.0122	0.0316	32	-1.80	0.0153	0.3817
33	-1.60	0.0151	0.4000	33	-0.80	0.0181	0.0497	33	-1.60	0.0133	0.3950
34	-1.40	0.0171	0.4170	34	-0.70	0.0267	0.0765	34	-1.40	0.0156	0.4105
35	-1.20	0.0146	0.4317	35	-0.60	0.0321	0.1086	35	-1.20	0.0144	0.4249
36	-1.00	0.0130	0.4446	36	-0.50	0.0416	0.1502	36	-1.00	0.0134	0.4384
37	-0.80	0.0166	0.4612	37	-0.40	0.0538	0.2040	37	-0.80	0.0146	0.4530
38	-0.60	0.0122	0.4734	38	-0.30	0.0668	0.2708	38	-0.60	0.0151	0.4682
39	-0.40	0.0148	0.4882	39	-0.20	0.0817	0.3525	39	-0.40	0.0167	0.4849
40	-0.20	0.0141	0.5023	40	-0.10	0.0909	0.4434	40	-0.20	0.0132	0.4981
41	0.	0.0137	0.5160	41	0.	0.0870	0.5304	41	0.	0.0150	0.5131
42	0.20	0.0142	0.5301	42	0.10	0.0797	0.6101	42	0.20	0.0145	0.5276
43	0.40	0.0149	0.5450	43	0.20	0.0790	0.6891	43	0.40	0.0152	0.5428
44	0.60	0.0137	0.5587	44	0.30	0.0711	0.7602	44	0.60	0.0137	0.5565
45	0.80	0.0168	0.5755	45	0.40	0.0608	0.8210	45	0.80	0.0127	0.5692
46	1.00	0.0159	0.5913	46	0.50	0.0479	0.8689	46	1.00	0.0148	0.5840
47	1.20	0.0149	0.6062	47	0.60	0.0345	0.9034	47	1.20	0.0151	0.5990
48	1.40	0.0163	0.6225	48	0.70	0.0240	0.9275	48	1.40	0.0149	0.6140
49	1.60	0.0133	0.6358	49	0.80	0.0167	0.9442	49	1.60	0.0160	0.6300
50	1.80	0.0170	0.6527	50	0.90	0.0132	0.9573	50	1.80	0.0200	0.6499
51	2.00	0.0186	0.6713	51	1.00	0.0116	0.9689	51	2.00	0.0166	0.6665
52	2.20	0.0185	0.6899	52	1.10	0.0103	0.9793	52	2.20	0.0195	0.6860
53	2.40	0.0193	0.7092	53	1.20	0.0069	0.9861	53	2.40	0.0195	0.7055
54	2.60	0.0209	0.7301	54	1.30	0.0035	0.9896	54	2.60	0.0225	0.7280
55	2.80	0.0236	0.7536	55	1.40	0.0032	0.9928	55	2.80	0.0221	0.7501
56	3.00	0.0244	0.7780	56	1.50	0.0023	0.9951	56	3.00	0.0236	0.7737
57	3.20	0.0253	0.8033	57	1.60	0.0021	0.9972	57	3.20	0.0226	0.7963
58	3.40	0.0238	0.8270	58	1.70	0.0011	0.9982	58	3.40	0.0242	0.8205
59	3.60	0.0263	0.8533	59	1.80	0.0009	0.9991	59	3.60	0.0233	0.8437
60	3.80	0.0217	0.8750	60	1.90	0.0006	0.9997	60	3.80	0.0236	0.8673
61	4.00	0.0208	0.8958	61	2.00	0.0001	0.9998	61	4.00	0.0207	0.8880
62	4.20	0.0184	0.9142	62	2.10	0.0001	0.9999	62	4.20	0.0226	0.9106
63	4.40	0.0186	0.9328	63	2.20	0.0001	0.9999	63	4.40	0.0192	0.9298
64	4.60	0.0161	0.9489	64	2.30	0.	0.9999	64	4.60	0.0149	0.9447
65	4.80	0.0142	0.9631	65	2.40	0.	0.9999	65	4.80	0.0135	0.9582
66	5.00	0.0108	0.9740	66	2.50	0.0001	1.0000	66	5.00	0.0107	0.9689
67	5.20	0.0083	0.9822	67	2.60	0.	1.0000	67	5.20	0.0079	0.9767
68	5.40	0.0046	0.9868	68	2.70	0.	1.0000	68	5.40	0.0074	0.9841
69	5.60	0.0042	0.9911	69	2.80	0.	1.0000	69	5.60	0.0051	0.9892
70	5.80	0.0032	0.9943	70	2.90	0.	1.0000	70	5.80	0.0046	0.9938
71	6.00	0.0019	0.9962	71	3.00	0.	1.0000	71	6.00	0.0024	0.9962
72	6.20	0.0023	0.9984	72	3.10	0.	1.0000	72	6.20	0.0021	0.9983
73	6.40	0.0015	0.9999	73	3.20	0.	1.0000	73	6.40	0.0011	0.9994
74	6.60	0.0001	1.0000	74	3.30	0.	1.0000	74	6.60	0.0003	0.9998
75	6.80	0.	1.0000	75	3.40	0.	1.0000	75	6.80	0.0001	0.9999
76	7.00	0.	1.0000	76	3.50	0.	1.0000	76	7.00	0.0001	1.0000
77	7.20	0.	1.0000	77	3.60	0.	1.0000	77	7.20	0.	1.0000
78	7.40	0.	1.0000	78	3.70	0.	1.0000	78	7.40	0.	1.0000
79	7.60	0.	1.0000	79	3.80	0.	1.0000	79	7.60	0.	1.0000
80	7.80	0.	1.0000	80	3.90	0.	1.0000	80	7.80	0.	1.0000
81	8.00	0.	1.0000	81	4.00	0.	1.0000	81	8.00	0.	1.0000

I - INTERVAL NUMBER X - INTERVAL CENTER VALUE

P(X) - PROBABILITY MASS FUNCTION F(X) - CUMULATIVE DISTRIBUTION FUNCTION

PORTLAND ME.

STATISTICS FOR FEBRUARY

ASTRONOMICAL TIDE				STORM SURGE				TOTAL WATER LEVEL			
MEAN-0.12		STND DEV 3.27		MEAN 0.04		STND DEV 0.51		MEAN-0.09		STND DEV 3.31	
I	X	P(X)	F(X)	I	X	P(X)	F(X)	I	X	P(X)	F(X)
1	-8.00	0.	0.	1	-4.00	0.	0.	1	-8.00	0.	0.
2	-7.80	0.	0.	2	-3.90	0.	0.	2	-7.80	0.	0.
3	-7.60	0.	0.	3	-3.80	0.	0.	3	-7.60	0.0001	0.0001
4	-7.40	0.	0.	4	-3.70	0.	0.	4	-7.40	0.	0.0001
5	-7.20	0.	0.	5	-3.60	0.	0.	5	-7.20	0.0001	0.0002
6	-7.00	0.	0.	6	-3.50	0.	0.	6	-7.00	0.0002	0.0003
7	-6.80	0.0001	0.0001	7	-3.40	0.	0.	7	-6.80	0.0005	0.0008
8	-6.60	0.0006	0.0007	8	-3.30	0.	0.	8	-6.60	0.0014	0.0022
9	-6.40	0.0019	0.0026	9	-3.20	0.	0.	9	-6.40	0.0014	0.0035
10	-6.20	0.0024	0.0050	10	-3.10	0.	0.	10	-6.20	0.0032	0.0067
11	-6.00	0.0037	0.0087	11	-3.00	0.	0.	11	-6.00	0.0041	0.0107
12	-5.80	0.0063	0.0149	12	-2.90	0.	0.	12	-5.80	0.0062	0.0169
13	-5.60	0.0061	0.0211	13	-2.80	0.	0.	13	-5.60	0.0073	0.0243
14	-5.40	0.0082	0.0293	14	-2.70	0.	0.	14	-5.40	0.0093	0.0336
15	-5.20	0.0099	0.0392	15	-2.60	0.	0	15	-5.20	0.0101	0.0437
16	-5.00	0.0128	0.0521	16	-2.50	0.	0	16	-5.00	0.0120	0.0557
17	-4.80	0.0156	0.0677	17	-2.40	0.	0.	17	-4.80	0.0171	0.0728
18	-4.60	0.0200	0.0877	18	-2.30	0.	0.	18	-4.60	0.0196	0.0923
19	-4.40	0.0219	0.1095	19	-2.20	0.	0.	19	-4.40	0.0208	0.1131
20	-4.20	0.0198	0.1293	20	-2.10	0.	0.	20	-4.20	0.0220	0.1350
21	-4.00	0.0266	0.1560	21	-2.00	0.	0.	21	-4.00	0.0227	0.1578
22	-3.80	0.0252	0.1812	22	-1.90	0.	0.	22	-3.80	0.0220	0.1797
23	-3.60	0.0258	0.2070	23	-1.80	0.0002	0.0002	23	-3.60	0.0250	0.2047
24	-3.40	0.0238	0.2308	24	-1.70	0.0003	0.0005	24	-3.40	0.0232	0.2279
25	-3.20	0.0247	0.2555	25	-1.60	0.0008	0.0013	25	-3.20	0.0218	0.2497
26	-3.00	0.0230	0.2784	26	-1.50	0.0013	0.0026	26	-3.00	0.0214	0.2711
27	-2.80	0.0208	0.2992	27	-1.40	0.0017	0.0042	27	-2.80	0.0193	0.2904
28	-2.60	0.0181	0.3173	28	-1.30	0.0025	0.0067	28	-2.60	0.0216	0.3120
29	-2.40	0.0179	0.3352	29	-1.20	0.0034	0.0100	29	-2.40	0.0180	0.3300
30	-2.20	0.0177	0.3528	30	-1.10	0.0056	0.0157	30	-2.20	0.0166	0.3466
31	-2.00	0.0157	0.3685	31	-1.00	0.0082	0.0239	31	-2.00	0.0169	0.3635
32	-1.80	0.0156	0.3841	32	-0.90	0.0133	0.0373	32	-1.80	0.0165	0.3800
33	-1.60	0.0161	0.4003	33	-0.80	0.0187	0.0560	33	-1.60	0.0143	0.3943
34	-1.40	0.0141	0.4144	34	-0.70	0.0224	0.0784	34	-1.40	0.0178	0.4120
35	-1.20	0.0165	0.4309	35	-0.60	0.0295	0.1078	35	-1.20	0.0154	0.4274
36	-1.00	0.0159	0.4468	36	-0.50	0.0390	0.1469	36	-1.00	0.0138	0.4412
37	-0.80	0.0139	0.4607	37	-0.40	0.0567	0.2035	37	-0.80	0.0149	0.4561
38	-0.60	0.0138	0.4745	38	-0.30	0.0727	0.2762	38	-0.60	0.0142	0.4703
39	-0.40	0.0133	0.4878	39	-0.20	0.0862	0.3624	39	-0.40	0.0152	0.4855
40	-0.20	0.0136	0.5013	40	-0.10	0.0817	0.4441	40	-0.20	0.0149	0.5004
41	0.	0.0138	0.5151	41	0.	0.0866	0.5307	41	0.	0.0132	0.5136
42	0.20	0.0152	0.5303	42	0.10	0.0787	0.6093	42	0.20	0.0121	0.5257
43	0.40	0.0165	0.5468	43	0.20	0.0736	0.6829	43	0.40	0.0153	0.5410
44	0.60	0.0145	0.5613	44	0.30	0.0671	0.7501	44	0.60	0.0142	0.5552
45	0.80	0.0149	0.5762	45	0.40	0.0563	0.8064	45	0.80	0.0155	0.5707
46	1.00	0.0137	0.5899	46	0.50	0.0501	0.8564	46	1.00	0.0155	0.5862
47	1.20	0.0150	0.6049	47	0.60	0.0378	0.8943	47	1.20	0.0155	0.6017
48	1.40	0.0163	0.6213	48	0.70	0.0289	0.9232	48	1.40	0.0171	0.6188
49	1.60	0.0164	0.6377	49	0.80	0.0204	0.9436	49	1.60	0.0168	0.6356
50	1.80	0.0163	0.6540	50	0.90	0.0149	0.9585	50	1.80	0.0166	0.6522
51	2.00	0.0166	0.6706	51	1.00	0.0107	0.9692	51	2.00	0.0175	0.6697
52	2.20	0.0199	0.6905	52	1.10	0.0094	0.9786	52	2.20	0.0176	0.6874
53	2.40	0.0192	0.7097	53	1.20	0.0050	0.9836	53	2.40	0.0204	0.7077
54	2.60	0.0229	0.7326	54	1.30	0.0038	0.9874	54	2.60	0.0208	0.7286
55	2.80	0.0225	0.7552	55	1.40	0.0024	0.9898	55	2.80	0.0236	0.7522
56	3.00	0.0211	0.7763	56	1.50	0.0023	0.9921	56	3.00	0.0217	0.7738
57	3.20	0.0236	0.7999	57	1.60	0.0017	0.9938	57	3.20	0.0217	0.7956
58	3.40	0.0239	0.8238	58	1.70	0.0013	0.9950	58	3.40	0.0226	0.8182
59	3.60	0.0239	0.8477	59	1.80	0.0015	0.9966	59	3.60	0.0233	0.8415
60	3.80	0.0237	0.8714	60	1.90	0.0010	0.9975	60	3.80	0.0228	0.8643
61	4.00	0.0211	0.8925	61	2.00	0.0006	0.9981	61	4.00	0.0209	0.8852
62	4.20	0.0192	0.9117	62	2.10	0.0005	0.9986	62	4.20	0.0192	0.9044
63	4.40	0.0178	0.9296	63	2.20	0.0008	0.9993	63	4.40	0.0193	0.9236
64	4.60	0.0165	0.9460	64	2.30	0.0002	0.9996	64	4.60	0.0157	0.9393
65	4.80	0.0144	0.9604	65	2.40	0.0004	0.9999	65	4.80	0.0121	0.9514
66	5.00	0.0102	0.9706	66	2.50	0.0001	1.0000	66	5.00	0.0113	0.9628
67	5.20	0.0073	0.9778	67	2.60	0.	1.0000	67	5.20	0.0100	0.9728
68	5.40	0.0064	0.9843	68	2.70	0.	1.0000	68	5.40	0.0073	0.9801
69	5.60	0.0059	0.9901	69	2.80	0.	1.0000	69	5.60	0.0059	0.9860
70	5.80	0.0044	0.9946	70	2.90	0.	1.0000	70	5.80	0.0039	0.9899
71	6.00	0.0033	0.9979	71	3.00	0.	1.0000	71	6.00	0.0035	0.9933
72	6.20	0.0013	0.9991	72	3.10	0.	1.0000	72	6.20	0.0029	0.9962
73	6.40	0.0005	0.9996	73	3.20	0.	1.0000	73	6.40	0.0010	0.9972
74	6.60	0.0004	1.0000	74	3.30	0.	1.0000	74	6.60	0.0014	0.9985
75	6.80	0.	1.0000	75	3.40	0.	1.0000	75	6.80	0.0008	0.9993
76	7.00	0.	1.0000	76	3.50	0.	1.0000	76	7.00	0.0005	0.9998
77	7.20	0.	1.0000	77	3.60	0.	1.0000	77	7.20	0.0002	0.9999
78	7.40	0.	1.0000	78	3.70	0.	1.0000	78	7.40	0.0001	1.0000
79	7.60	0.	1.0000	79	3.80	0.	1.0000	79	7.60	0.	1.0000
80	7.80	0.	1.0000	80	3.90	0.	1.0000	80	7.80	0.	1.0000
81	8.00	0.	1.0000	81	4.00	0.	1.0000	81	8.00	0.	1.0000

I - INTERVAL NUMBER X - INTERVAL CENTER VALUE

P(X) - PROBABILITY MASS FUNCTION F(X) - CUMULATIVE DISTRIBUTION FUNCTION

PORTLAND ME.

STATISTICS FOR MARCH

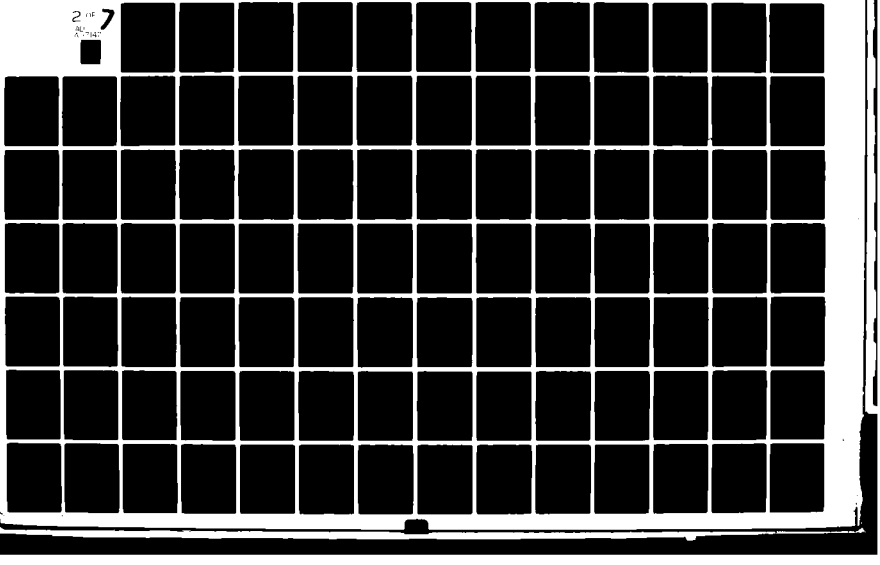
ASTRONOMICAL TIDE				STORM SURGE				TOTAL WATER LEVEL			
MEAN-0.06		STND DEV 3.26		MEAN 0.03		STND DEV 0.51		MEAN-0.03		STND DEV 3.30	
I	X	P(X)	F(X)	I	X	P(X)	F(X)	I	X	P(X)	F(X)
1	-8.00	0.	0.	1	-4.00	0.	0.	1	-8.00	0.0001	0.0001
2	-7.80	0.	0.	2	-3.90	0.	0.	2	-7.80	0.0001	0.0001
3	-7.60	0.	0.	3	-3.80	0.	0.	3	-7.60	0.	0.0001
4	-7.40	0.	0.	4	-3.70	0.	0.	4	-7.40	0.0003	0.0004
5	-7.20	0.	0.	5	-3.60	0.	0.	5	-7.20	0.0001	0.0005
6	-7.00	0.	0.	6	-3.50	0.	0.	6	-7.00	0.0003	0.0009
7	-6.80	0.	0.	7	-3.40	0.	0.	7	-6.80	0.0012	0.0021
8	-6.60	0.0003	0.0003	8	-3.30	0.	0.	8	-6.60	0.0016	0.0037
9	-6.40	0.0015	0.0018	9	-3.20	0.	0.	9	-6.40	0.0027	0.0063
10	-6.20	0.0026	0.0044	10	-3.10	0.	0.	10	-6.20	0.0037	0.0100
11	-6.00	0.0036	0.0080	11	-3.00	0.	0.	11	-6.00	0.0039	0.0139
12	-5.80	0.0050	0.0130	12	-2.90	0.	0.	12	-5.80	0.0060	0.0199
13	-5.60	0.0052	0.0182	13	-2.80	0.	0.	13	-5.60	0.0070	0.0269
14	-5.40	0.0069	0.0251	14	-2.70	0.	0.	14	-5.40	0.0079	0.0348
15	-5.20	0.0095	0.0345	15	-2.60	0.	0.	15	-5.20	0.0087	0.0435
16	-5.00	0.0110	0.0456	16	-2.50	0.	0.	16	-5.00	0.0124	0.0559
17	-4.80	0.0136	0.0591	17	-2.40	0.	0.	17	-4.80	0.0126	0.0686
18	-4.60	0.0182	0.0773	18	-2.30	0.	0.	18	-4.60	0.0170	0.0856
19	-4.40	0.0223	0.0996	19	-2.20	0.	0.	19	-4.40	0.0216	0.1071
20	-4.20	0.0245	0.1241	20	-2.10	0.	0.	20	-4.20	0.0196	0.1268
21	-4.00	0.0254	0.1495	21	-2.00	0.	0.	21	-4.00	0.0216	0.1484
22	-3.80	0.0236	0.1731	22	-1.90	0.	0.	22	-3.80	0.0209	0.1693
23	-3.60	0.0245	0.1977	23	-1.80	0.	0.	23	-3.60	0.0246	0.1939
24	-3.40	0.0248	0.2225	24	-1.70	0.0003	0.0003	24	-3.40	0.0237	0.2177
25	-3.20	0.0232	0.2456	25	-1.60	0.0008	0.0011	25	-3.20	0.0233	0.2410
26	-3.00	0.0220	0.2677	26	-1.50	0.0014	0.0025	26	-3.00	0.0207	0.2616
27	-2.80	0.0233	0.2909	27	-1.40	0.0014	0.0039	27	-2.80	0.0218	0.2834
28	-2.60	0.0214	0.3123	28	-1.30	0.0025	0.0065	28	-2.60	0.0200	0.3034
29	-2.40	0.0180	0.3303	29	-1.20	0.0035	0.0100	29	-2.40	0.0177	0.3210
30	-2.20	0.0162	0.3465	30	-1.10	0.0053	0.0153	30	-2.20	0.0183	0.3393
31	-2.00	0.0160	0.3625	31	-1.00	0.0080	0.0233	31	-2.00	0.0177	0.3571
32	-1.80	0.0155	0.3780	32	-0.90	0.0122	0.0354	32	-1.80	0.0156	0.3726
33	-1.60	0.0159	0.3939	33	-0.80	0.0188	0.0542	33	-1.60	0.0156	0.3883
34	-1.40	0.0163	0.4102	34	-0.70	0.0260	0.0802	34	-1.40	0.0157	0.4040
35	-1.20	0.0151	0.4252	35	-0.60	0.0298	0.1100	35	-1.20	0.0158	0.4198
36	-1.00	0.0138	0.4391	36	-0.50	0.0407	0.1507	36	-1.00	0.0148	0.4345
37	-0.80	0.0151	0.4541	37	-0.40	0.0516	0.2023	37	-0.80	0.0122	0.4468
38	-0.60	0.0154	0.4695	38	-0.30	0.0670	0.2692	38	-0.60	0.0161	0.4629
39	-0.40	0.0136	0.4831	39	-0.20	0.0879	0.3571	39	-0.40	0.0156	0.4785
40	-0.20	0.0151	0.4982	40	-0.10	0.0909	0.4480	40	-0.20	0.0146	0.4930
41	0.	0.0128	0.5110	41	0.	0.0923	0.5403	41	0.	0.0145	0.5075
42	0.20	0.0156	0.5266	42	0.10	0.0855	0.6258	42	0.20	0.0134	0.5209
43	0.40	0.0145	0.5411	43	0.20	0.0763	0.7022	43	0.40	0.0142	0.5351
44	0.60	0.0148	0.5559	44	0.30	0.0672	0.7694	44	0.60	0.0137	0.5487
45	0.80	0.0141	0.5700	45	0.40	0.0532	0.8226	45	0.80	0.0154	0.5641
46	1.00	0.0158	0.5858	46	0.50	0.0428	0.8654	46	1.00	0.0149	0.5790
47	1.20	0.0131	0.5989	47	0.60	0.0311	0.8965	47	1.20	0.0152	0.5942
48	1.40	0.0165	0.6153	48	0.70	0.0249	0.9214	48	1.40	0.0168	0.6110
49	1.60	0.0161	0.6315	49	0.80	0.0192	0.9406	49	1.60	0.0156	0.6266
50	1.80	0.0162	0.6477	50	0.90	0.0140	0.9546	50	1.80	0.0174	0.6440
51	2.00	0.0186	0.6663	51	1.00	0.0116	0.9662	51	2.00	0.0175	0.6615
52	2.20	0.0184	0.6846	52	1.10	0.0082	0.9744	52	2.20	0.0186	0.6801
53	2.40	0.0205	0.7051	53	1.20	0.0064	0.9808	53	2.40	0.0195	0.6996
54	2.60	0.0206	0.7257	54	1.30	0.0049	0.9857	54	2.60	0.0213	0.7208
55	2.80	0.0222	0.7479	55	1.40	0.0027	0.9883	55	2.80	0.0228	0.7437
56	3.00	0.0204	0.7683	56	1.50	0.0035	0.9918	56	3.00	0.0222	0.7658
57	3.20	0.0232	0.7915	57	1.60	0.0015	0.9933	57	3.20	0.0224	0.7883
58	3.40	0.0259	0.8174	58	1.70	0.0023	0.9956	58	3.40	0.0242	0.8125
59	3.60	0.0239	0.8413	59	1.80	0.0012	0.9967	59	3.60	0.0226	0.8351
60	3.80	0.0235	0.8648	60	1.90	0.0005	0.9973	60	3.80	0.0243	0.8594
61	4.00	0.0235	0.8883	61	2.00	0.0004	0.9977	61	4.00	0.0239	0.8834
62	4.20	0.0226	0.9109	62	2.10	0.0006	0.9983	62	4.20	0.0198	0.9031
63	4.40	0.0202	0.9311	63	2.20	0.0007	0.9990	63	4.40	0.0184	0.9215
64	4.60	0.0160	0.9470	64	2.30	0.0003	0.9993	64	4.60	0.0164	0.9379
65	4.80	0.0117	0.9587	65	2.40	0.0002	0.9995	65	4.80	0.0144	0.9523
66	5.00	0.0102	0.9689	66	2.50	0.0002	0.9997	66	5.00	0.0121	0.9644
67	5.20	0.0093	0.9782	67	2.60	0.	0.9997	67	5.20	0.0105	0.9749
68	5.40	0.0065	0.9847	68	2.70	0.0001	0.9999	68	5.40	0.0074	0.9823
69	5.60	0.0051	0.9898	69	2.80	0.	0.9999	69	5.60	0.0077	0.9900
70	5.80	0.0044	0.9942	70	2.90	0.	0.9999	70	5.80	0.0044	0.9944
71	6.00	0.0028	0.9970	71	3.00	0.	0.9999	71	6.00	0.0025	0.9969
72	6.20	0.0020	0.9990	72	3.10	0.0001	0.9999	72	6.20	0.0015	0.9984
73	6.40	0.0009	0.9999	73	3.20	0.	0.9999	73	6.40	0.0005	0.9989
74	6.60	0.0001	1.0000	74	3.30	0.	0.9999	74	6.60	0.0006	0.9995
75	6.80	0.	1.0000	75	3.40	0.0001	1.0000	75	6.80	0.0002	0.9997
76	7.00	0.	1.0000	76	3.50	0.	1.0000	76	7.00	0.0002	0.9999
77	7.20	0.	1.0000	77	3.60	0.	1.0000	77	7.20	0.0001	1.0000
78	7.40	0.	1.0000	78	3.70	0.	1.0000	78	7.40	0.	1.0000
79	7.60	0.	1.0000	79	3.80	0.	1.0000	79	7.60	0.	1.0000
80	7.80	0.	1.0000	80	3.90	0.	1.0000	80	7.80	0.	1.0000
81	8.00	0.	1.0000	81	4.00	0.	1.0000	81	8.00	0.	1.0000

I - INTERVAL NUMBER X - INTERVAL CENTER VALUE

P(X) - PROBABILITY MASS FUNCTION F(X) - CUMULATIVE DISTRIBUTION FUNCTION

AD-A117 147 ARMY ENGINEER WATERWAYS EXPERIMENT STATION VICKSBURG--ETC F/G 8/3
ATLANTIC COAST WATER-LEVEL CLIMATE,(U)
APR 82 B A EBERSOLE

UNCLASSIFIED WIS-7 NL



PORTLAND ME.

STATISTICS FOR APRIL

ASTRONOMICAL TIDE				STORM SURGE				TOTAL WATER LEVEL			
MEAN 0.02		STND DEV 3.25		MEAN 0.01		STND DEV 0.40		MEAN 0.03		STND DEV 3.28	
I	X	P(X)	F(X)	I	X	P(X)	F(X)	I	X	P(X)	F(X)
1	-8.00	0.	0.	1	-4.00	0.	0.	1	-8.00	0.	0.
2	-7.80	0.	0.	2	-3.90	0.	0.	2	-7.80	0.	0.
3	-7.60	0.	0.	3	-3.80	0.	0.	3	-7.60	0.0001	0.0001
4	-7.40	0.	0.	4	-3.70	0.	0.	4	-7.40	0.0001	0.0001
5	-7.20	0.	0.	5	-3.60	0.	0.	5	-7.20	0.0001	0.0002
6	-7.00	0.	0.	6	-3.50	0.	0.	6	-7.00	0.0003	0.0006
7	-6.80	0.	0.	7	-3.40	0.	0.	7	-6.80	0.0005	0.0011
8	-6.60	0.0009	0.0009	8	-3.30	0.	0.	8	-6.60	0.0010	0.0020
9	-6.40	0.0015	0.0024	9	-3.20	0.	0.	9	-6.40	0.0015	0.0035
10	-6.20	0.0017	0.0041	10	-3.10	0.	0.	10	-6.20	0.0029	0.0063
11	-6.00	0.0030	0.0071	11	-3.00	0.	0.	11	-6.00	0.0043	0.0107
12	-5.80	0.0035	0.0106	12	-2.90	0.	0.	12	-5.80	0.0040	0.0147
13	-5.60	0.0063	0.0169	13	-2.80	0.	0.	13	-5.60	0.0050	0.0197
14	-5.40	0.0060	0.0229	14	-2.70	0.	0.	14	-5.40	0.0079	0.0276
15	-5.20	0.0081	0.0310	15	-2.60	0.	0.	15	-5.20	0.0095	0.0371
16	-5.00	0.0111	0.0421	16	-2.50	0.	0.	16	-5.00	0.0116	0.0486
17	-4.80	0.0123	0.0544	17	-2.40	0.	0.	17	-4.80	0.0148	0.0635
18	-4.60	0.0183	0.0727	18	-2.30	0.	0.	18	-4.60	0.0148	0.0783
19	-4.40	0.0189	0.0916	19	-2.20	0.	0.	19	-4.40	0.0196	0.0978
20	-4.20	0.0210	0.1126	20	-2.10	0.	0.	20	-4.20	0.0186	0.1164
21	-4.00	0.0229	0.1354	21	-2.00	0.	0.	21	-4.00	0.0225	0.1389
22	-3.80	0.0273	0.1627	22	-1.90	0.	0.	22	-3.80	0.0233	0.1622
23	-3.60	0.0244	0.1872	23	-1.80	0.	0.	23	-3.60	0.0248	0.1870
24	-3.40	0.0254	0.2126	24	-1.70	0.	0.	24	-3.40	0.0254	0.2124
25	-3.20	0.0252	0.2378	25	-1.60	0.	0.	25	-3.20	0.0229	0.2354
26	-3.00	0.0225	0.2603	26	-1.50	0.0001	0.0001	26	-3.00	0.0208	0.2561
27	-2.80	0.0213	0.2816	27	-1.40	0.0001	0.0002	27	-2.80	0.0222	0.2783
28	-2.60	0.0187	0.3003	28	-1.30	0.0001	0.0003	28	-2.60	0.0215	0.2998
29	-2.40	0.0213	0.3216	29	-1.20	0.0006	0.0009	29	-2.40	0.0175	0.3173
30	-2.20	0.0183	0.3399	30	-1.10	0.0013	0.0022	30	-2.20	0.0181	0.3354
31	-2.00	0.0174	0.3572	31	-1.00	0.0028	0.0050	31	-2.00	0.0166	0.3520
32	-1.80	0.0156	0.3729	32	-0.90	0.0050	0.0100	32	-1.80	0.0158	0.3678
33	-1.60	0.0149	0.3878	33	-0.80	0.0073	0.0173	33	-1.60	0.0176	0.3855
34	-1.40	0.0158	0.4035	34	-0.70	0.0152	0.0325	34	-1.40	0.0157	0.4011
35	-1.20	0.0169	0.4204	35	-0.60	0.0290	0.0615	35	-1.20	0.0140	0.4151
36	-1.00	0.0119	0.4324	36	-0.50	0.0451	0.1065	36	-1.00	0.0139	0.4291
37	-0.80	0.0151	0.4474	37	-0.40	0.0623	0.1688	37	-0.80	0.0151	0.4441
38	-0.60	0.0156	0.4631	38	-0.30	0.0783	0.2471	38	-0.60	0.0143	0.4584
39	-0.40	0.0137	0.4767	39	-0.20	0.1001	0.3473	39	-0.40	0.0143	0.4727
40	-0.20	0.0147	0.4915	40	-0.10	0.1086	0.4559	40	-0.20	0.0161	0.4888
41	0.	0.0157	0.5072	41	0.	0.1110	0.5669	41	0.	0.0150	0.5037
42	0.20	0.0156	0.5228	42	0.10	0.0979	0.6648	42	0.20	0.0140	0.5178
43	0.40	0.0115	0.5343	43	0.20	0.0868	0.7516	43	0.40	0.0148	0.5326
44	0.60	0.0129	0.5472	44	0.30	0.0712	0.8228	44	0.60	0.0141	0.5467
45	0.80	0.0165	0.5637	45	0.40	0.0566	0.8794	45	0.80	0.0149	0.5596
46	1.00	0.0147	0.5784	46	0.50	0.0384	0.9178	46	1.00	0.0149	0.5746
47	1.20	0.0151	0.5935	47	0.60	0.0267	0.9445	47	1.20	0.0139	0.5885
48	1.40	0.0146	0.6081	48	0.70	0.0188	0.9633	48	1.40	0.0147	0.6032
49	1.60	0.0195	0.6276	49	0.80	0.0119	0.9752	49	1.60	0.0174	0.6205
50	1.80	0.0139	0.6415	50	0.90	0.0076	0.9828	50	1.80	0.0166	0.6372
51	2.00	0.0167	0.6581	51	1.00	0.0045	0.9873	51	2.00	0.0176	0.6548
52	2.20	0.0173	0.6754	52	1.10	0.0035	0.9908	52	2.20	0.0192	0.6741
53	2.40	0.0191	0.6945	53	1.20	0.0022	0.9930	53	2.40	0.0183	0.6924
54	2.60	0.0208	0.7154	54	1.30	0.0016	0.9946	54	2.60	0.0222	0.7146
55	2.80	0.0219	0.7372	55	1.40	0.0016	0.9962	55	2.80	0.0213	0.7359
56	3.00	0.0219	0.7591	56	1.50	0.0008	0.9970	56	3.00	0.0240	0.7600
57	3.20	0.0221	0.7812	57	1.60	0.0008	0.9978	57	3.20	0.0251	0.7851
58	3.40	0.0261	0.8073	58	1.70	0.0004	0.9983	58	3.40	0.0236	0.8087
59	3.60	0.0260	0.8333	59	1.80	0.0003	0.9985	59	3.60	0.0260	0.8347
60	3.80	0.0259	0.8592	60	1.90	0.0006	0.9992	60	3.80	0.0247	0.8593
61	4.00	0.0235	0.8827	61	2.00	0.0003	0.9994	61	4.00	0.0245	0.8838
62	4.20	0.0224	0.9051	62	2.10	0.0006	1.0000	62	4.20	0.0212	0.9050
63	4.40	0.0197	0.9249	63	2.20	0.	1.0000	63	4.40	0.0201	0.9250
64	4.60	0.0183	0.9432	64	2.30	0.	1.0000	64	4.60	0.0164	0.9415
65	4.80	0.0141	0.9573	65	2.40	0.	1.0000	65	4.80	0.0136	0.9551
66	5.00	0.0104	0.9677	66	2.50	0.	1.0000	66	5.00	0.0116	0.9666
67	5.20	0.0074	0.9751	67	2.60	0.	1.0000	67	5.20	0.0098	0.9764
68	5.40	0.0066	0.9817	68	2.70	0.	1.0000	68	5.40	0.0054	0.9818
69	5.60	0.0063	0.9879	69	2.80	0.	1.0000	69	5.60	0.0053	0.9871
70	5.80	0.0038	0.9917	70	2.90	0.	1.0000	70	5.80	0.0042	0.9913
71	6.00	0.0035	0.9952	71	3.00	0.	1.0000	71	6.00	0.0027	0.9940
72	6.20	0.0022	0.9974	72	3.10	0.	1.0000	72	6.20	0.0017	0.9957
73	6.40	0.0015	0.9989	73	3.20	0.	1.0000	73	6.40	0.0013	0.9970
74	6.60	0.0008	0.9997	74	3.30	0.	1.0000	74	6.60	0.0011	0.9981
75	6.80	0.0003	1.0000	75	3.40	0.	1.0000	75	6.80	0.0007	0.9988
76	7.00	0.	1.0000	76	3.50	0.	1.0000	76	7.00	0.0003	0.9992
77	7.20	0.	1.0000	77	3.60	0.	1.0000	77	7.20	0.0005	0.9997
78	7.40	0.	1.0000	78	3.70	0.	1.0000	78	7.40	0.0001	0.9997
79	7.60	0.	1.0000	79	3.80	0.	1.0000	79	7.60	0.0002	0.9999
80	7.80	0.	1.0000	80	3.90	0.	1.0000	80	7.80	0.	0.9999
81	8.00	0.	1.0000	81	4.00	0.	1.0000	81	8.00	0.0001	1.0000

I - INTERVAL NUMBER X - INTERVAL CENTER VALUE

P(X) - PROBABILITY MASS FUNCTION F(X) - CUMULATIVE DISTRIBUTION FUNCTION

PORTLAND ME.

STATISTICS FOR MAY

ASTRONOMICAL TIDE				STORM SURGE				TOTAL WATER LEVEL			
MEAN 0.07		STND DEV 3.24		MEAN 0.03		STND DEV 0.30		MEAN 0.11		STND DEV 3.24	
I	X	P(X)	F(X)	I	X	P(X)	F(X)	I	X	P(X)	F(X)
1	-8.00	0.	0.	1	-4.00	0.	0.	1	-8.00	0.	0.
2	-7.80	0.	0.	2	-3.90	0.	0.	2	-7.80	0.	0.
3	-7.60	0.	0.	3	-3.80	0.	0.	3	-7.60	0.	0.
4	-7.40	0.	0.	4	-3.70	0.	0.	4	-7.40	0.	0.
5	-7.20	0.	0.	5	-3.60	0.	0.	5	-7.20	0.0001	0.0001
6	-7.00	0.	0.	6	-3.50	0.	0.	6	-7.00	0.0005	0.0005
7	-6.80	0.	0.	7	-3.40	0.	0.	7	-6.80	0.0004	0.0009
8	-6.60	0.0008	0.0008	8	-3.30	0.	0.	8	-6.60	0.0006	0.0015
9	-6.40	0.0013	0.0022	9	-3.20	0.	0.	9	-6.40	0.0012	0.0027
10	-6.20	0.0019	0.0040	10	-3.10	0.	0.	10	-6.20	0.0020	0.0047
11	-6.00	0.0027	0.0067	11	-3.00	0.	0.	11	-6.00	0.0024	0.0071
12	-5.80	0.0032	0.0099	12	-2.90	0.	0.	12	-5.80	0.0034	0.0105
13	-5.60	0.0040	0.0140	13	-2.80	0.	0.	13	-5.60	0.0049	0.0153
14	-5.40	0.0046	0.0186	14	-2.70	0.	0.	14	-5.40	0.0055	0.0209
15	-5.20	0.0074	0.0260	15	-2.60	0.	0.	15	-5.20	0.0063	0.0272
16	-5.00	0.0100	0.0360	16	-2.50	0.	0.	16	-5.00	0.0089	0.0361
17	-4.80	0.0134	0.0494	17	-2.40	0.	0.	17	-4.80	0.0125	0.0485
18	-4.60	0.0159	0.0653	18	-2.30	0.	0.	18	-4.60	0.0139	0.0624
19	-4.40	0.0196	0.0848	19	-2.20	0.	0.	19	-4.40	0.0197	0.0821
20	-4.20	0.0187	0.1036	20	-2.10	0.	0.	20	-4.20	0.0214	0.1035
21	-4.00	0.0220	0.1256	21	-2.00	0.	0.	21	-4.00	0.0231	0.1266
22	-3.80	0.0243	0.1499	22	-1.90	0.	0.	22	-3.80	0.0216	0.1482
23	-3.60	0.0276	0.1774	23	-1.80	0.	0.	23	-3.60	0.0257	0.1740
24	-3.40	0.0274	0.2048	24	-1.70	0.	0.	24	-3.40	0.0251	0.1990
25	-3.20	0.0234	0.2282	25	-1.60	0.	0.	25	-3.20	0.0238	0.2228
26	-3.00	0.0243	0.2525	26	-1.50	0.	0.	26	-3.00	0.0237	0.2464
27	-2.80	0.0254	0.2779	27	-1.40	0.	0.	27	-2.80	0.0226	0.2690
28	-2.60	0.0198	0.2977	28	-1.30	0.	0.	28	-2.60	0.0233	0.2924
29	-2.40	0.0176	0.3153	29	-1.20	0.	0.	29	-2.40	0.0210	0.3133
30	-2.20	0.0182	0.3334	30	-1.10	0.	0.	30	-2.20	0.0169	0.3302
31	-2.00	0.0166	0.3501	31	-1.00	0.0003	0.0003	31	-2.00	0.0184	0.3486
32	-1.80	0.0185	0.3686	32	-0.90	0.0011	0.0014	32	-1.80	0.0163	0.3649
33	-1.60	0.0151	0.3837	33	-0.80	0.0030	0.0045	33	-1.60	0.0147	0.3796
34	-1.40	0.0160	0.3996	34	-0.70	0.0082	0.0127	34	-1.40	0.0159	0.3955
35	-1.20	0.0151	0.4147	35	-0.60	0.0153	0.0279	35	-1.20	0.0147	0.4101
36	-1.00	0.0147	0.4294	36	-0.50	0.0237	0.0516	36	-1.00	0.0165	0.4266
37	-0.80	0.0148	0.4442	37	-0.40	0.0456	0.0972	37	-0.80	0.0147	0.4413
38	-0.60	0.0147	0.4589	38	-0.30	0.0723	0.1695	38	-0.60	0.0132	0.4545
39	-0.40	0.0146	0.4736	39	-0.20	0.0981	0.2675	39	-0.40	0.0145	0.4690
40	-0.20	0.0143	0.4878	40	-0.10	0.1188	0.3863	40	-0.20	0.0149	0.4839
41	0.	0.0143	0.5021	41	0.	0.1366	0.5229	41	0.	0.0140	0.4979
42	0.20	0.0134	0.5155	42	0.10	0.1296	0.6525	42	0.20	0.0121	0.5100
43	0.40	0.0146	0.5302	43	0.20	0.1205	0.7730	43	0.40	0.0146	0.5246
44	0.60	0.0149	0.5450	44	0.30	0.0690	0.8420	44	0.60	0.0147	0.5393
45	0.80	0.0151	0.5601	45	0.40	0.0613	0.9032	45	0.80	0.0162	0.5555
46	1.00	0.0147	0.5748	46	0.50	0.0382	0.9414	46	1.00	0.0151	0.5706
47	1.20	0.0146	0.5894	47	0.60	0.0194	0.9608	47	1.20	0.0142	0.5848
48	1.40	0.0158	0.6051	48	0.70	0.0106	0.9714	48	1.40	0.0136	0.5984
49	1.60	0.0149	0.6201	49	0.80	0.0043	0.9758	49	1.60	0.0173	0.6157
50	1.80	0.0166	0.6367	50	0.90	0.0023	0.9780	50	1.80	0.0159	0.6315
51	2.00	0.0179	0.6546	51	1.00	0.0009	0.9789	51	2.00	0.0178	0.6494
52	2.20	0.0164	0.6711	52	1.10	0.0003	0.9792	52	2.20	0.0156	0.6649
53	2.40	0.0176	0.6887	53	1.20	0.0003	0.9795	53	2.40	0.0193	0.6842
54	2.60	0.0198	0.7085	54	1.30	0.0002	0.9797	54	2.60	0.0231	0.7073
55	2.80	0.0196	0.7281	55	1.40	0.0002	0.9799	55	2.80	0.0200	0.7272
56	3.00	0.0255	0.7537	56	1.50	0.0001	1.0000	56	3.00	0.0225	0.7498
57	3.20	0.0236	0.7773	57	1.60	0.	1.0000	57	3.20	0.0252	0.7750
58	3.40	0.0279	0.8051	58	1.70	0.	1.0000	58	3.40	0.0273	0.8023
59	3.60	0.0282	0.8333	59	1.80	0.	1.0000	59	3.60	0.0263	0.8286
60	3.80	0.0258	0.8591	60	1.90	0.	1.0000	60	3.80	0.0266	0.8552
61	4.00	0.0232	0.8823	61	2.00	0.	1.0000	61	4.00	0.0232	0.8783
62	4.20	0.0219	0.9042	62	2.10	0.	1.0000	62	4.20	0.0220	0.9004
63	4.40	0.0196	0.9238	63	2.20	0.	1.0000	63	4.40	0.0204	0.9208
64	4.60	0.0177	0.9415	64	2.30	0.	1.0000	64	4.60	0.0180	0.9388
65	4.80	0.0146	0.9562	65	2.40	0.	1.0000	65	4.80	0.0159	0.9546
66	5.00	0.0108	0.9670	66	2.50	0.	1.0000	66	5.00	0.0113	0.9659
67	5.20	0.0081	0.9751	67	2.60	0.	1.0000	67	5.20	0.0089	0.9748
68	5.40	0.0060	0.9811	68	2.70	0.	1.0000	68	5.40	0.0062	0.9810
69	5.60	0.0046	0.9857	69	2.80	0.	1.0000	69	5.60	0.0048	0.9858
70	5.80	0.0040	0.9896	70	2.90	0.	1.0000	70	5.80	0.0043	0.9901
71	6.00	0.0034	0.9930	71	3.00	0.	1.0000	71	6.00	0.0040	0.9940
72	6.20	0.0027	0.9957	72	3.10	0.	1.0000	72	6.20	0.0020	0.9960
73	6.40	0.0020	0.9977	73	3.20	0.	1.0000	73	6.40	0.0016	0.9976
74	6.60	0.0016	0.9993	74	3.30	0.	1.0000	74	6.60	0.0014	0.9989
75	6.80	0.0005	0.9998	75	3.40	0.	1.0000	75	6.80	0.0008	0.9997
76	7.00	0.0002	1.0000	76	3.50	0.	1.0000	76	7.00	0.0002	0.9998
77	7.20	0.	1.0000	77	3.60	0.	1.0000	77	7.20	0.0002	1.0000
78	7.40	0.	1.0000	78	3.70	0.	1.0000	78	7.40	0.	1.0000
79	7.60	0.	1.0000	79	3.80	0.	1.0000	79	7.60	0.	1.0000
80	7.80	0.	1.0000	80	3.90	0.	1.0000	80	7.80	0.	1.0000
81	8.00	0.	1.0000	81	4.00	0.	1.0000	81	8.00	0.	1.0000

I - INTERVAL NUMBER X - INTERVAL CENTER VALUE

P(X) - PROBABILITY MASS FUNCTION F(X) - CUMULATIVE DISTPIBUTION FUNCTION

PORTLAND ME.

STATISTICS FOR JUNE

ASTRONOMICAL TIDE				STORM SURGE				TOTAL WATER LEVEL			
MEAN 0.08		STND DEV 3.24		MEAN 0.03		STND DEV 0.25		MEAN 0.12		STND DEV 3.25	
I	X	P(X)	F(X)	I	X	P(X)	F(X)	I	X	P(X)	F(X)
1	-8.00	0.	0.	1	-4.00	0.	0.	1	-8.00	0.	0.
2	-7.80	0.	0.	2	-3.90	0.	0.	2	-7.80	0.	0.
3	-7.60	0.	0.	3	-3.80	0.	0.	3	-7.60	0.	0.
4	-7.40	0.	0.	4	-3.70	0.	0.	4	-7.40	0.	0.
5	-7.20	0.	0.	5	-3.60	0.	0.	5	-7.20	0.	0.
6	-7.00	0.	0.	6	-3.50	0.	0.	6	-7.00	0.	0.
7	-6.80	0.	0.	7	-3.40	0.	0.	7	-6.80	0.0002	0.0002
8	-6.60	0.0005	0.0005	8	-3.30	0.	0.	8	-6.60	0.0003	0.0004
9	-6.40	0.0008	0.0013	9	-3.20	0.	0.	9	-6.40	0.0010	0.0014
10	-6.20	0.0022	0.0035	10	-3.10	0.	0.	10	-6.20	0.0023	0.0037
11	-6.00	0.0021	0.0056	11	-3.00	0.	0.	11	-6.00	0.0025	0.0062
12	-5.80	0.0031	0.0086	12	-2.90	0.	0.	12	-5.80	0.0035	0.0097
13	-5.60	0.0036	0.0122	13	-2.80	0.	0.	13	-5.60	0.0045	0.0142
14	-5.40	0.0053	0.0175	14	-2.70	0.	0.	14	-5.40	0.0048	0.0190
15	-5.20	0.0075	0.0251	15	-2.60	0.	0.	15	-5.20	0.0078	0.0269
16	-5.00	0.0088	0.0338	16	-2.50	0.	0.	16	-5.00	0.0083	0.0352
17	-4.80	0.0115	0.0453	17	-2.40	0.	0.	17	-4.80	0.0122	0.0474
18	-4.60	0.0156	0.0609	18	-2.30	0.	0.	18	-4.60	0.0165	0.0639
19	-4.40	0.0205	0.0814	19	-2.20	0.	0.	19	-4.40	0.0182	0.0821
20	-4.20	0.0222	0.1035	20	-2.10	0.	0.	20	-4.20	0.0205	0.1026
21	-4.00	0.0219	0.1254	21	-2.00	0.	0.	21	-4.00	0.0224	0.1250
22	-3.80	0.0251	0.1504	22	-1.90	0.	0.	22	-3.80	0.0227	0.1477
23	-3.60	0.0242	0.1746	23	-1.80	0.	0.	23	-3.60	0.0249	0.1725
24	-3.40	0.0281	0.2027	24	-1.70	0.	0.	24	-3.40	0.0286	0.2011
25	-3.20	0.0271	0.2298	25	-1.60	0.	0.	25	-3.20	0.0248	0.2259
26	-3.00	0.0263	0.2561	26	-1.50	0.	0.	26	-3.00	0.0259	0.2518
27	-2.80	0.0223	0.2784	27	-1.40	0.	0.	27	-2.80	0.0223	0.2741
28	-2.60	0.0204	0.2988	28	-1.30	0.	0.	28	-2.60	0.0231	0.2971
29	-2.40	0.0183	0.3170	29	-1.20	0.	0.	29	-2.40	0.0175	0.3147
30	-2.20	0.0165	0.3335	30	-1.10	0.	0.	30	-2.20	0.0161	0.3308
31	-2.00	0.0174	0.3509	31	-1.00	0.	0.	31	-2.00	0.0172	0.3481
32	-1.80	0.0170	0.3679	32	-0.90	0.	0.	32	-1.80	0.0147	0.3627
33	-1.60	0.0158	0.3837	33	-0.80	0.0001	0.0001	33	-1.60	0.0154	0.3781
34	-1.40	0.0156	0.3993	34	-0.70	0.0011	0.0012	34	-1.40	0.0172	0.3953
35	-1.20	0.0148	0.4142	35	-0.60	0.0038	0.0050	35	-1.20	0.0161	0.4113
36	-1.00	0.0169	0.4311	36	-0.50	0.0136	0.0186	36	-1.00	0.0149	0.4262
37	-0.80	0.0137	0.4447	37	-0.40	0.0355	0.0541	37	-0.80	0.0152	0.4414
38	-0.60	0.0139	0.4586	38	-0.30	0.0689	0.1230	38	-0.60	0.0128	0.4542
39	-0.40	0.0133	0.4719	39	-0.20	0.1108	0.2338	39	-0.40	0.0142	0.4684
40	-0.20	0.0154	0.4874	40	-0.10	0.1482	0.3820	40	-0.20	0.0144	0.4828
41	0.	0.0146	0.5020	41	0.	0.1633	0.5453	41	0.	0.0144	0.4972
42	0.20	0.0138	0.5158	42	0.10	0.1527	0.6980	42	0.20	0.0133	0.5105
43	0.40	0.0141	0.5299	43	0.20	0.1165	0.8145	43	0.40	0.0138	0.5244
44	0.60	0.0156	0.5455	44	0.30	0.0841	0.8986	44	0.60	0.0136	0.5380
45	0.80	0.0129	0.5585	45	0.40	0.0486	0.9472	45	0.80	0.0135	0.5515
46	1.00	0.0143	0.5728	46	0.50	0.0272	0.9743	46	1.00	0.0155	0.5670
47	1.20	0.0146	0.5874	47	0.60	0.0118	0.9861	47	1.20	0.0163	0.5833
48	1.40	0.0167	0.6041	48	0.70	0.0066	0.9927	48	1.40	0.0150	0.5982
49	1.60	0.0159	0.6200	49	0.80	0.0034	0.9961	49	1.60	0.0166	0.6149
50	1.80	0.0165	0.6365	50	0.90	0.0022	0.9983	50	1.80	0.0165	0.6314
51	2.00	0.0146	0.6510	51	1.00	0.0012	0.9995	51	2.00	0.0155	0.6469
52	2.20	0.0177	0.6687	52	1.10	0.0003	0.9998	52	2.20	0.0166	0.6635
53	2.40	0.0189	0.6876	53	1.20	0.0002	1.0000	53	2.40	0.0178	0.6813
54	2.60	0.0182	0.7058	54	1.30	0.	1.0000	54	2.60	0.0203	0.7016
55	2.80	0.0212	0.7270	55	1.40	0.	1.0000	55	2.80	0.0206	0.7222
56	3.00	0.0211	0.7480	56	1.50	0.	1.0000	56	3.00	0.0249	0.7471
57	3.20	0.0264	0.7744	57	1.60	0.	1.0000	57	3.20	0.0255	0.7726
58	3.40	0.0287	0.8031	58	1.70	0.	1.0000	58	3.40	0.0257	0.7983
59	3.60	0.0259	0.8290	59	1.80	0.	1.0000	59	3.60	0.0275	0.8258
60	3.80	0.0262	0.8553	60	1.90	0.	1.0000	60	3.80	0.0249	0.8507
61	4.00	0.0246	0.8798	61	2.00	0.	1.0000	61	4.00	0.0258	0.8765
62	4.20	0.0204	0.9002	62	2.10	0.	1.0000	62	4.20	0.0214	0.8979
63	4.40	0.0224	0.9226	63	2.20	0.	1.0000	63	4.40	0.0209	0.9188
64	4.60	0.0177	0.9403	64	2.30	0.	1.0000	64	4.60	0.0194	0.9382
65	4.80	0.0153	0.9556	65	2.40	0.	1.0000	65	4.80	0.0157	0.9539
66	5.00	0.0110	0.9666	66	2.50	0.	1.0000	66	5.00	0.0110	0.9649
67	5.20	0.0082	0.9748	67	2.60	0.	1.0000	67	5.20	0.0096	0.9744
68	5.40	0.0065	0.9813	68	2.70	0.	1.0000	68	5.40	0.0061	0.9805
69	5.60	0.0037	0.9850	69	2.80	0.	1.0000	69	5.60	0.0053	0.9858
70	5.80	0.0053	0.9903	70	2.90	0.	1.0000	70	5.80	0.0044	0.9902
71	6.00	0.0030	0.9933	71	3.00	0.	1.0000	71	6.00	0.0027	0.9928
72	6.20	0.0029	0.9961	72	3.10	0.	1.0000	72	6.20	0.0030	0.9959
73	6.40	0.0018	0.9979	73	3.20	0.	1.0000	73	6.40	0.0020	0.9979
74	6.60	0.0014	0.9993	74	3.30	0.	1.0000	74	6.60	0.0013	0.9992
75	6.80	0.0007	1.0000	75	3.40	0.	1.0000	75	6.80	0.0007	0.9998
76	7.00	0.	1.0000	76	3.50	0.	1.0000	76	7.00	0.0002	1.0000
77	7.20	0.	1.0000	77	3.60	0.	1.0000	77	7.20	0.	1.0000
78	7.40	0.	1.0000	78	3.70	0.	1.0000	78	7.40	0.	1.0000
79	7.60	0.	1.0000	79	3.80	0.	1.0000	79	7.60	0.	1.0000
80	7.80	0.	1.0000	80	3.90	0.	1.0000	80	7.80	0.	1.0000
81	8.00	0.	1.0000	81	4.00	0.	1.0000	81	8.00	0.	1.0000

I - INTERVAL NUMBER X - INTERVAL CENTER VALUE

P(X) - PROBABILITY MASS FUNCTION F(X) - CUMULATIVE DISTRIBUTION FUNCTION

PORTLAND ME.

STATISTICS FOR JULY

ASTRONOMICAL TIDE				STORM SURGE				TOTAL WATER LEVEL			
MEAN 0.07		STND DEV 3.25		MEAN-0.04		STND DEV 0.21		MEAN 0.03		STND DEV 3.26	
I	X	P(X)	F(X)	I	X	P(X)	F(X)	I	X	P(X)	F(X)
1	-8.00	0.	0.	1	-4.00	0.	0.	1	-8.00	0.	0.
2	-7.80	0.	0.	2	-3.90	0.	0.	2	-7.80	0.	0.
3	-7.60	0.	0.	3	-3.80	0.	0.	3	-7.60	0.	0.
4	-7.40	0.	0.	4	-3.70	0.	0.	4	-7.40	0.	0.
5	-7.20	0.	0.	5	-3.60	0.	0.	5	-7.20	0.	0.
6	-7.00	0.	0.	6	-3.50	0.	0.	6	-7.00	0.	0.
7	-6.80	0.	0.	7	-3.40	0.	0.	7	-6.80	0.0002	0.0002
8	-6.60	0.0002	0.0002	8	-3.30	0.	0.	8	-6.60	0.0003	0.0006
9	-6.40	0.0005	0.0007	9	-3.20	0.	0.	9	-6.40	0.0005	0.0011
10	-6.20	0.0011	0.0018	10	-3.10	0.	0.	10	-6.20	0.0013	0.0024
11	-6.00	0.0021	0.0039	11	-3.00	0.	0.	11	-6.00	0.0024	0.0047
12	-5.80	0.0027	0.0066	12	-2.90	0.	0.	12	-5.80	0.0036	0.0083
13	-5.60	0.0056	0.0122	13	-2.80	0.	0.	13	-5.60	0.0049	0.0132
14	-5.40	0.0051	0.0172	14	-2.70	0.	0.	14	-5.40	0.0066	0.0198
15	-5.20	0.0065	0.0237	15	-2.60	0.	0.	15	-5.20	0.0082	0.0280
16	-5.00	0.0093	0.0330	16	-2.50	0.	0.	16	-5.00	0.0113	0.0392
17	-4.80	0.0134	0.0464	17	-2.40	0.	0.	17	-4.80	0.0129	0.0521
18	-4.60	0.0184	0.0648	18	-2.30	0.	0.	18	-4.60	0.0176	0.0697
19	-4.40	0.0193	0.0841	19	-2.20	0.	0.	19	-4.40	0.0219	0.0916
20	-4.20	0.0232	0.1074	20	-2.10	0.	0.	20	-4.20	0.0214	0.1130
21	-4.00	0.0217	0.1290	21	-2.00	0.	0.	21	-4.00	0.0241	0.1371
22	-3.80	0.0232	0.1523	22	-1.90	0.	0.	22	-3.80	0.0240	0.1611
23	-3.60	0.0252	0.1775	23	-1.80	0.	0.	23	-3.60	0.0268	0.1879
24	-3.40	0.0290	0.2065	24	-1.70	0.	0.	24	-3.40	0.0263	0.2142
25	-3.20	0.0266	0.2332	25	-1.60	0.	0.	25	-3.20	0.0248	0.2389
26	-3.00	0.0250	0.2581	26	-1.50	0.	0.	26	-3.00	0.0229	0.2618
27	-2.80	0.0217	0.2799	27	-1.40	0.	0.	27	-2.80	0.0254	0.2872
28	-2.60	0.0205	0.3004	28	-1.30	0.	0.	28	-2.60	0.0178	0.3050
29	-2.40	0.0180	0.3183	29	-1.20	0.	0.	29	-2.40	0.0173	0.3223
30	-2.20	0.0189	0.3372	30	-1.10	0.	0.	30	-2.20	0.0174	0.3397
31	-2.00	0.0165	0.3537	31	-1.00	0.	0.	31	-2.00	0.0173	0.3570
32	-1.80	0.0165	0.3701	32	-0.90	0.	0.	32	-1.80	0.0156	0.3727
33	-1.60	0.0151	0.3852	33	-0.80	0.0007	0.0007	33	-1.60	0.0153	0.3879
34	-1.40	0.0149	0.4001	34	-0.70	0.0019	0.0027	34	-1.40	0.0133	0.4012
35	-1.20	0.0129	0.4130	35	-0.60	0.0068	0.0095	35	-1.20	0.0161	0.4173
36	-1.00	0.0165	0.4296	36	-0.50	0.0166	0.0261	36	-1.00	0.0157	0.4330
37	-0.80	0.0165	0.4461	37	-0.40	0.0434	0.0694	37	-0.80	0.0138	0.4468
38	-0.60	0.0140	0.4601	38	-0.30	0.0904	0.1598	38	-0.60	0.0157	0.4625
39	-0.40	0.0139	0.4740	39	-0.20	0.1413	0.3011	39	-0.40	0.0133	0.4758
40	-0.20	0.0146	0.4885	40	-0.10	0.1650	0.4660	40	-0.20	0.0148	0.4906
41	0.	0.0146	0.5031	41	0.	0.1840	0.6700	41	0.	0.0128	0.5034
42	0.20	0.0138	0.5169	42	0.10	0.1467	0.8167	42	0.20	0.0152	0.5186
43	0.40	0.0145	0.5314	43	0.20	0.0991	0.9158	43	0.40	0.0146	0.5332
44	0.60	0.0146	0.5459	44	0.30	0.0514	0.9672	44	0.60	0.0135	0.5467
45	0.80	0.0147	0.5606	45	0.40	0.0202	0.9873	45	0.80	0.0142	0.5609
46	1.00	0.0138	0.5745	46	0.50	0.0091	0.9964	46	1.00	0.0146	0.5756
47	1.20	0.0153	0.5897	47	0.60	0.0025	0.9990	47	1.20	0.0145	0.5901
48	1.40	0.0142	0.6040	48	0.70	0.0007	0.9997	48	1.40	0.0153	0.6053
49	1.60	0.0175	0.6214	49	0.80	0.0003	1.0000	49	1.60	0.0170	0.6223
50	1.80	0.0144	0.6358	50	0.90	0.	1.0000	50	1.80	0.0161	0.6384
51	2.00	0.0159	0.6517	51	1.00	0.	1.0000	51	2.00	0.0154	0.6539
52	2.20	0.0168	0.6686	52	1.10	0.	1.0000	52	2.20	0.0185	0.6723
53	2.40	0.0191	0.6877	53	1.20	0.	1.0000	53	2.40	0.0182	0.6905
54	2.60	0.0217	0.7094	54	1.30	0.	1.0000	54	2.60	0.0226	0.7131
55	2.80	0.0229	0.7323	55	1.40	0.	1.0000	55	2.80	0.0235	0.7366
56	3.00	0.0225	0.7548	56	1.50	0.	1.0000	56	3.00	0.0227	0.7592
57	3.20	0.0236	0.7784	57	1.60	0.	1.0000	57	3.20	0.0227	0.7819
58	3.40	0.0232	0.8016	58	1.70	0.	1.0000	58	3.40	0.0256	0.8074
59	3.60	0.0255	0.8271	59	1.80	0.	1.0000	59	3.60	0.0252	0.8326
60	3.80	0.0266	0.8537	60	1.90	0.	1.0000	60	3.80	0.0258	0.8584
61	4.00	0.0213	0.8749	61	2.00	0.	1.0000	61	4.00	0.0199	0.8783
62	4.20	0.0217	0.8966	62	2.10	0.	1.0000	62	4.20	0.0231	0.9013
63	4.40	0.0209	0.9175	63	2.20	0.	1.0000	63	4.40	0.0205	0.9219
64	4.60	0.0183	0.9358	64	2.30	0.	1.0000	64	4.60	0.0183	0.9402
65	4.80	0.0162	0.9520	65	2.40	0.	1.0000	65	4.80	0.0142	0.9544
66	5.00	0.0134	0.9654	66	2.50	0.	1.0000	66	5.00	0.0126	0.9670
67	5.20	0.0097	0.9752	67	2.60	0.	1.0000	67	5.20	0.0094	0.9764
68	5.40	0.0074	0.9826	68	2.70	0.	1.0000	68	5.40	0.0079	0.9843
69	5.60	0.0060	0.9886	69	2.80	0.	1.0000	69	5.60	0.0052	0.9895
70	5.80	0.0032	0.9918	70	2.90	0.	1.0000	70	5.80	0.0034	0.9929
71	6.00	0.0029	0.9947	71	3.00	0.	1.0000	71	6.00	0.0023	0.9952
72	6.20	0.0023	0.9970	72	3.10	0.	1.0000	72	6.20	0.0025	0.9976
73	6.40	0.0019	0.9989	73	3.20	0.	1.0000	73	6.40	0.0011	0.9988
74	6.60	0.0009	0.9998	74	3.30	0.	1.0000	74	6.60	0.0007	0.9994
75	6.80	0.0002	1.0000	75	3.40	0.	1.0000	75	6.80	0.0004	0.9998
76	7.00	0.	1.0000	76	3.50	0.	1.0000	76	7.00	0.0002	1.0000
77	7.20	0.	1.0000	77	3.60	0.	1.0000	77	7.20	0.	1.0000
78	7.40	0.	1.0000	78	3.70	0.	1.0000	78	7.40	0.	1.0000
79	7.60	0.	1.0000	79	3.80	0.	1.0000	79	7.60	0.	1.0000
80	7.80	0.	1.0000	80	3.90	0.	1.0000	80	7.80	0.	1.0000
81	8.00	0.	1.0000	81	4.00	0.	1.0000	81	8.00	0.	1.0000

I - INTERVAL NUMBER X - INTERVAL CENTER VALUE

P(X) - PROBABILITY MASS FUNCTION F(X) - CUMULATIVE DISTRIBUTION FUNCTION

PORTLAND ME.

STATISTICS FOR AUGUST

ASTRONOMICAL TIDE				STORM SURGE				TOTAL WATER LEVEL			
MEAN 0.07		STND DEV 3.24		MEAN-0.02		STND DEV 0.22		MEAN 0.04		STND DEV 3.23	
I	X	P(X)	F(X)	I	X	P(X)	F(X)	I	X	P(X)	F(X)
1	-8.00	0.	0.	1	-4.00	0.	0.	1	-8.00	0.	0.
2	-7.80	0.	0.	2	-3.90	0.	0.	2	-7.80	0.	0.
3	-7.60	0.	0.	3	-3.80	0.	0.	3	-7.60	0.	0.
4	-7.40	0.	0.	4	-3.70	0.	0.	4	-7.40	0.	0.
5	-7.20	0.	0.	5	-3.60	0.	0.	5	-7.20	0.	0.
6	-7.00	0.	0.	6	-3.50	0.	0.	6	-7.00	0.	0.
7	-6.80	0.	0.	7	-3.40	0.	0.	7	-6.80	0.0001	0.0001
8	-6.60	0.	0.	8	-3.30	0.	0.	8	-6.60	0.0003	0.0004
9	-6.40	0.0003	0.0003	9	-3.20	0.	0.	9	-6.40	0.0005	0.0008
10	-6.20	0.0009	0.0011	10	-3.10	0.	0.	10	-6.20	0.0013	0.0021
11	-6.00	0.0018	0.0030	11	-3.00	0.	0.	11	-6.00	0.0023	0.0044
12	-5.80	0.0031	0.0061	12	-2.90	0.	0.	12	-5.80	0.0030	0.0074
13	-5.60	0.0048	0.0109	13	-2.80	0.	0.	13	-5.60	0.0041	0.0116
14	-5.40	0.0055	0.0163	14	-2.70	0.	0.	14	-5.40	0.0061	0.0176
15	-5.20	0.0078	0.0241	15	-2.60	0.	0.	15	-5.20	0.0084	0.0260
16	-5.00	0.0100	0.0341	16	-2.50	0.	0.	16	-5.00	0.0120	0.0379
17	-4.80	0.0127	0.0468	17	-2.40	0.	0.	17	-4.80	0.0121	0.0500
18	-4.60	0.0181	0.0649	18	-2.30	0.	0.	18	-4.60	0.0183	0.0683
19	-4.40	0.0202	0.0851	19	-2.20	0.	0.	19	-4.40	0.0192	0.0876
20	-4.20	0.0207	0.1058	20	-2.10	0.	0.	20	-4.20	0.0221	0.1096
21	-4.00	0.0231	0.1289	21	-2.00	0.	0.	21	-4.00	0.0245	0.1341
22	-3.80	0.0268	0.1557	22	-1.90	0.	0.	22	-3.80	0.0244	0.1586
23	-3.60	0.0267	0.1824	23	-1.80	0.	0.	23	-3.60	0.0260	0.1846
24	-3.40	0.0243	0.2067	24	-1.70	0.	0.	24	-3.40	0.0220	0.2066
25	-3.20	0.0256	0.2323	25	-1.60	0.	0.	25	-3.20	0.0263	0.2328
26	-3.00	0.0239	0.2562	26	-1.50	0.	0.	26	-3.00	0.0218	0.2546
27	-2.80	0.0226	0.2788	27	-1.40	0.	0.	27	-2.80	0.0241	0.2787
28	-2.60	0.0201	0.2989	28	-1.30	0.	0.	28	-2.60	0.0220	0.3007
29	-2.40	0.0190	0.3178	29	-1.20	0.	0.	29	-2.40	0.0173	0.3180
30	-2.20	0.0192	0.3371	30	-1.10	0.	0.	30	-2.20	0.0179	0.3359
31	-2.00	0.0168	0.3539	31	-1.00	0.0002	0.0002	31	-2.00	0.0175	0.3534
32	-1.80	0.0150	0.3689	32	-0.90	0.	0.0002	32	-1.80	0.0156	0.3690
33	-1.60	0.0166	0.3855	33	-0.80	0.0002	0.0005	33	-1.60	0.0164	0.3854
34	-1.40	0.0155	0.4010	34	-0.70	0.0014	0.0018	34	-1.40	0.0156	0.4010
35	-1.20	0.0155	0.4165	35	-0.60	0.0054	0.0073	35	-1.20	0.0170	0.4160
36	-1.00	0.0149	0.4313	36	-0.50	0.0185	0.0258	36	-1.00	0.0137	0.4317
37	-0.80	0.0140	0.4453	37	-0.40	0.0449	0.0707	37	-0.80	0.0134	0.4451
38	-0.60	0.0151	0.4605	38	-0.30	0.0797	0.1504	38	-0.60	0.0149	0.4599
39	-0.40	0.0132	0.4736	39	-0.20	0.1313	0.2816	39	-0.40	0.0151	0.4750
40	-0.20	0.0153	0.4889	40	-0.10	0.1712	0.4528	40	-0.20	0.0123	0.4874
41	0.	0.0132	0.5021	41	0.	0.1800	0.6328	41	0.	0.0145	0.5018
42	0.20	0.0146	0.5167	42	0.10	0.1534	0.7862	42	0.20	0.0156	0.5175
43	0.40	0.0161	0.5328	43	0.20	0.1037	0.8899	43	0.40	0.0148	0.5323
44	0.60	0.0143	0.5471	44	0.30	0.0618	0.9518	44	0.60	0.0155	0.5477
45	0.80	0.0144	0.5615	45	0.40	0.0305	0.9822	45	0.80	0.0142	0.5619
46	1.00	0.0162	0.5777	46	0.50	0.0114	0.9936	46	1.00	0.0143	0.5761
47	1.20	0.0130	0.5907	47	0.60	0.0050	0.9986	47	1.20	0.0149	0.5910
48	1.40	0.0150	0.6057	48	0.70	0.0008	0.9994	48	1.40	0.0131	0.6041
49	1.60	0.0153	0.6210	49	0.80	0.0004	0.9998	49	1.60	0.0179	0.6219
50	1.80	0.0163	0.6372	50	0.90	0.0002	1.0000	50	1.80	0.0171	0.6390
51	2.00	0.0170	0.6542	51	1.00	0.	1.0000	51	2.00	0.0182	0.6573
52	2.20	0.0188	0.6730	52	1.10	0.	1.0000	52	2.20	0.0176	0.6749
53	2.40	0.0195	0.6924	53	1.20	0.	1.0000	53	2.40	0.0195	0.6944
54	2.60	0.0200	0.7124	54	1.30	0.	1.0000	54	2.60	0.0214	0.7158
55	2.80	0.0206	0.7330	55	1.40	0.	1.0000	55	2.80	0.0216	0.7374
56	3.00	0.0232	0.7562	56	1.50	0.	1.0000	56	3.00	0.0224	0.7597
57	3.20	0.0229	0.7792	57	1.60	0.	1.0000	57	3.20	0.0219	0.7816
58	3.40	0.0235	0.8026	58	1.70	0.	1.0000	58	3.40	0.0273	0.8089
59	3.60	0.0254	0.8280	59	1.80	0.	1.0000	59	3.60	0.0242	0.8331
60	3.80	0.0247	0.8527	60	1.90	0.	1.0000	60	3.80	0.0261	0.8592
61	4.00	0.0238	0.8765	61	2.00	0.	1.0000	61	4.00	0.0221	0.8814
62	4.20	0.0209	0.8974	62	2.10	0.	1.0000	62	4.20	0.0216	0.9030
63	4.40	0.0191	0.9165	63	2.20	0.	1.0000	63	4.40	0.0201	0.9230
64	4.60	0.0180	0.9345	64	2.30	0.	1.0000	64	4.60	0.0176	0.9406
65	4.80	0.0161	0.9506	65	2.40	0.	1.0000	65	4.80	0.0155	0.9561
66	5.00	0.0137	0.9643	66	2.50	0.	1.0000	66	5.00	0.0142	0.9703
67	5.20	0.0109	0.9752	67	2.60	0.	1.0000	67	5.20	0.0089	0.9792
68	5.40	0.0091	0.9843	68	2.70	0.	1.0000	68	5.40	0.0074	0.9865
69	5.60	0.0055	0.9897	69	2.80	0.	1.0000	69	5.60	0.0046	0.9911
70	5.80	0.0042	0.9939	70	2.90	0.	1.0000	70	5.80	0.0035	0.9946
71	6.00	0.0027	0.9966	71	3.00	0.	1.0000	71	6.00	0.0029	0.9976
72	6.20	0.0021	0.9987	72	3.10	0.	1.0000	72	6.20	0.0011	0.9986
73	6.40	0.0009	0.9997	73	3.20	0.	1.0000	73	6.40	0.0005	0.9992
74	6.60	0.0003	1.0000	74	3.30	0.	1.0000	74	6.60	0.0004	0.9995
75	6.80	0.	1.0000	75	3.40	0.	1.0000	75	6.80	0.0002	0.9997
76	7.00	0.	1.0000	76	3.50	0.	1.0000	76	7.00	0.0002	0.9998
77	7.20	0.	1.0000	77	3.60	0.	1.0000	77	7.20	0.0002	1.0000
78	7.40	0.	1.0000	78	3.70	0.	1.0000	78	7.40	0.	1.0000
79	7.60	0.	1.0000	79	3.80	0.	1.0000	79	7.60	0.	1.0000
80	7.80	0.	1.0000	80	3.90	0.	1.0000	80	7.80	0.	1.0000
81	8.00	0.	1.0000	81	4.00	0.	1.0000	81	8.00	0.	1.0000

I - INTERVAL NUMBER X - INTERVAL CENTER VALUE

P(X) - PROBABILITY MASS FUNCTION F(X) - CUMULATIVE DISTRIBUTION FUNCTION

PORTLAND ME.

STATISTICS FOR SEPTEMBER

ASTRONOMICAL TIDE				STORM SURGE				TOTAL WATER LEVEL			
MEAN 0.06		STND DEV 3.26		MEAN-0.05		STND DEV 0.27		MEAN 0.01		STND DEV 3.25	
I	X	P(X)	F(X)	I	X	P(X)	F(X)	I	X	P(X)	F(X)
1	-8.00	0.	0.	1	-4.00	0.	0.	1	-8.00	0.	0.
2	-7.80	0.	0.	2	-3.90	0.	0.	2	-7.80	0.	0.
3	-7.60	0.	0.	3	-3.80	0.	0.	3	-7.60	0.	0.
4	-7.40	0.	0.	4	-3.70	0.	0.	4	-7.40	0.	0.
5	-7.20	0.	0.	5	-3.60	0.	0.	5	-7.20	0.	0.
6	-7.00	0.	0.	6	-3.50	0.	0.	6	-7.00	0.	0.
7	-6.80	0.	0.	7	-3.40	0.	0.	7	-6.80	0.0004	0.0004
8	-6.60	0.0001	0.0001	8	-3.30	0.	0.	8	-6.60	0.0009	0.0012
9	-6.40	0.0004	0.0006	9	-3.20	0.	0.	9	-6.40	0.0014	0.0026
10	-6.20	0.0013	0.0019	10	-3.10	0.	0.	10	-6.20	0.0015	0.0041
11	-6.00	0.0029	0.0047	11	-3.00	0.	0.	11	-6.00	0.0032	0.0073
12	-5.80	0.0042	0.0090	12	-2.90	0.	0.	12	-5.80	0.0046	0.0119
13	-5.60	0.0049	0.0139	13	-2.80	0.	0.	13	-5.60	0.0050	0.0169
14	-5.40	0.0065	0.0204	14	-2.70	0.	0.	14	-5.40	0.0053	0.0222
15	-5.20	0.0079	0.0283	15	-2.60	0.	0.	15	-5.20	0.0080	0.0302
16	-5.00	0.0096	0.0379	16	-2.50	0.	0.	16	-5.00	0.0103	0.0405
17	-4.80	0.0132	0.0510	17	-2.40	0.	0.	17	-4.80	0.0135	0.0540
18	-4.60	0.0165	0.0676	18	-2.30	0.	0.	18	-4.60	0.0194	0.0734
19	-4.40	0.0210	0.0886	19	-2.20	0.	0.	19	-4.40	0.0217	0.0951
20	-4.20	0.0229	0.1115	20	-2.10	0.	0.	20	-4.20	0.0228	0.1178
21	-4.00	0.0236	0.1351	21	-2.00	0.	0.	21	-4.00	0.0207	0.1385
22	-3.80	0.0231	0.1581	22	-1.90	0.	0.	22	-3.80	0.0245	0.1630
23	-3.60	0.0263	0.1844	23	-1.80	0.	0.	23	-3.60	0.0243	0.1874
24	-3.40	0.0256	0.2100	24	-1.70	0.	0.	24	-3.40	0.0246	0.2120
25	-3.20	0.0235	0.2335	25	-1.60	0.	0.	25	-3.20	0.0251	0.2370
26	-3.00	0.0218	0.2553	26	-1.50	0.	0.	26	-3.00	0.0217	0.2587
27	-2.80	0.0219	0.2772	27	-1.40	0.0001	0.0001	27	-2.80	0.0223	0.2810
28	-2.60	0.0206	0.2978	28	-1.30	0.	0.0001	28	-2.60	0.0196	0.3006
29	-2.40	0.0197	0.3175	29	-1.20	0.	0.0001	29	-2.40	0.0186	0.3192
30	-2.20	0.0181	0.3356	30	-1.10	0.0001	0.0002	30	-2.20	0.0187	0.3379
31	-2.00	0.0181	0.3536	31	-1.00	0.0001	0.0002	31	-2.00	0.0166	0.3545
32	-1.80	0.0167	0.3704	32	-0.90	0.0011	0.0013	32	-1.80	0.0174	0.3718
33	-1.60	0.0144	0.3847	33	-0.80	0.0035	0.0048	33	-1.60	0.0157	0.3876
34	-1.40	0.0161	0.4008	34	-0.70	0.0069	0.0117	34	-1.40	0.0164	0.4040
35	-1.20	0.0163	0.4171	35	-0.60	0.0166	0.0283	35	-1.20	0.0144	0.4184
36	-1.00	0.0154	0.4325	36	-0.50	0.0334	0.0617	36	-1.00	0.0137	0.4321
37	-0.80	0.0122	0.4447	37	-0.40	0.0620	0.1238	37	-0.80	0.0148	0.4469
38	-0.60	0.0153	0.4599	38	-0.30	0.1035	0.2272	38	-0.60	0.0146	0.4615
39	-0.40	0.0140	0.4740	39	-0.20	0.1318	0.3590	39	-0.40	0.0146	0.4761
40	-0.20	0.0145	0.4885	40	-0.10	0.1567	0.5157	40	-0.20	0.0148	0.4909
41	0.	0.0144	0.5029	41	0.	0.1465	0.6622	41	0.	0.0150	0.5059
42	0.20	0.0156	0.5185	42	0.10	0.1246	0.7868	42	0.20	0.0144	0.5202
43	0.40	0.0140	0.5325	43	0.20	0.0887	0.8755	43	0.40	0.0141	0.5343
44	0.60	0.0131	0.5456	44	0.30	0.0573	0.9327	44	0.60	0.0127	0.5471
45	0.80	0.0147	0.5603	45	0.40	0.0330	0.9657	45	0.80	0.0141	0.5612
46	1.00	0.0148	0.5751	46	0.50	0.0183	0.9840	46	1.00	0.0157	0.5769
47	1.20	0.0164	0.5915	47	0.60	0.0086	0.9926	47	1.20	0.0167	0.5936
48	1.40	0.0163	0.6078	48	0.70	0.0037	0.9963	48	1.40	0.0157	0.6093
49	1.60	0.0160	0.6238	49	0.80	0.0016	0.9979	49	1.60	0.0160	0.6253
50	1.80	0.0154	0.6392	50	0.90	0.0011	0.9990	50	1.80	0.0157	0.6411
51	2.00	0.0160	0.6551	51	1.00	0.0006	0.9996	51	2.00	0.0186	0.6597
52	2.20	0.0186	0.6738	52	1.10	0.0002	0.9998	52	2.20	0.0178	0.6774
53	2.40	0.0182	0.6919	53	1.20	0.0001	0.9998	53	2.40	0.0197	0.6971
54	2.60	0.0197	0.7117	54	1.30	0.0002	1.0000	54	2.60	0.0211	0.7182
55	2.80	0.0213	0.7330	55	1.40	0.	1.0000	55	2.80	0.0239	0.7421
56	3.00	0.0226	0.7556	56	1.50	0.	1.0000	56	3.00	0.0201	0.7623
57	3.20	0.0229	0.7784	57	1.60	0.	1.0000	57	3.20	0.0254	0.7876
58	3.40	0.0233	0.8017	58	1.70	0.	1.0000	58	3.40	0.0254	0.8130
59	3.60	0.0247	0.8264	59	1.80	0.	1.0000	59	3.60	0.0231	0.8361
60	3.80	0.0249	0.8513	60	1.90	0.	1.0000	60	3.80	0.0239	0.8600
61	4.00	0.0232	0.8745	61	2.00	0.	1.0000	61	4.00	0.0242	0.8843
62	4.20	0.0215	0.8960	62	2.10	0.	1.0000	62	4.20	0.0215	0.9058
63	4.40	0.0231	0.9191	63	2.20	0.	1.0000	63	4.40	0.0205	0.9263
64	4.60	0.0169	0.9360	64	2.30	0.	1.0000	64	4.60	0.0153	0.9416
65	4.80	0.0141	0.9521	65	2.40	0.	1.0000	65	4.80	0.0137	0.9553
66	5.00	0.0118	0.9639	66	2.50	0.	1.0000	66	5.00	0.0116	0.9668
67	5.20	0.0097	0.9736	67	2.60	0.	1.0000	67	5.20	0.0103	0.9772
68	5.40	0.0081	0.9817	68	2.70	0.	1.0000	68	5.40	0.0080	0.9851
69	5.60	0.0059	0.9876	69	2.80	0.	1.0000	69	5.60	0.0056	0.9907
70	5.80	0.0047	0.9922	70	2.90	0.	1.0000	70	5.80	0.0031	0.9938
71	6.00	0.0038	0.9960	71	3.00	0.	1.0000	71	6.00	0.0032	0.9969
72	6.20	0.0023	0.9983	72	3.10	0.	1.0000	72	6.20	0.0011	0.9980
73	6.40	0.0014	0.9997	73	3.20	0.	1.0000	73	6.40	0.0012	0.9992
74	6.60	0.0003	1.0000	74	3.30	0.	1.0000	74	6.60	0.0007	0.9998
75	6.80	0.	1.0000	75	3.40	0.	1.0000	75	6.80	0.0002	1.0000
76	7.00	0.	1.0000	76	3.50	0.	1.0000	76	7.00	0.	1.0000
77	7.20	0.	1.0000	77	3.60	0.	1.0000	77	7.20	0.	1.0000
78	7.40	0.	1.0000	78	3.70	0.	1.0000	78	7.40	0.	1.0000
79	7.60	0.	1.0000	79	3.80	0.	1.0000	79	7.60	0.	1.0000
80	7.80	0.	1.0000	80	3.90	0.	1.0000	80	7.80	0.	1.0000
81	8.00	0.	1.0000	81	4.00	0.	1.0000	81	8.00	0.	1.0000

I - INTERVAL NUMBER X - INTERVAL CENTER VALUE

P(X) - PROBABILITY MASS FUNCTION F(X) - CUMULATIVE DISTRIBUTION FUNCTION

PORTLAND ME.

STATISTICS FOR OCTOBER

ASTRONOMICAL TIDE				STORM SURGE				TOTAL WATER LEVEL			
MEAN 0.04		STND DEV 3.26		MEAN 0.00		STND DEV 0.37		MEAN 0.04		STND DEV 3.27	
I	X	P(X)	F(X)	I	X	P(X)	F(X)	I	X	P(X)	F(X)
1	-8.00	0.	0.	1	-4.00	0.	0.	1	-8.00	0.	0.
2	-7.80	0.	0.	2	-3.90	0.	0.	2	-7.80	0.	0.
3	-7.60	0.	0.	3	-3.80	0.	0.	3	-7.60	0.	0.
4	-7.40	0.	0.	4	-3.70	0.	0.	4	-7.40	0.	0.
5	-7.20	0.	0.	5	-3.60	0.	0.	5	-7.20	0.	0.
6	-7.00	0.	0.	6	-3.50	0.	0.	6	-7.00	0.0001	0.0001
7	-6.80	0.0001	0.0001	7	-3.40	0.	0.	7	-6.80	0.0003	0.0004
8	-6.60	0.0009	0.0010	8	-3.30	0.	0.	8	-6.60	0.0007	0.0011
9	-6.40	0.0010	0.0020	9	-3.20	0.	0.	9	-6.40	0.0015	0.0026
10	-6.20	0.0019	0.0039	10	-3.10	0.	0.	10	-6.20	0.0022	0.0048
11	-6.00	0.0028	0.0067	11	-3.00	0.	0.	11	-6.00	0.0033	0.0081
12	-5.80	0.0035	0.0102	12	-2.90	0.	0.	12	-5.80	0.0042	0.0122
13	-5.60	0.0060	0.0161	13	-2.80	0.	0.	13	-5.60	0.0058	0.0181
14	-5.40	0.0070	0.0231	14	-2.70	0.	0.	14	-5.40	0.0080	0.0261
15	-5.20	0.0084	0.0315	15	-2.60	0.	0.	15	-5.20	0.0087	0.0348
16	-5.00	0.0105	0.0420	16	-2.50	0.	0.	16	-5.00	0.0107	0.0455
17	-4.80	0.0136	0.0557	17	-2.40	0.	0.	17	-4.80	0.0130	0.0585
18	-4.60	0.0167	0.0724	18	-2.30	0.	0.	18	-4.60	0.0145	0.0730
19	-4.40	0.0196	0.0920	19	-2.20	0.	0.	19	-4.40	0.0195	0.0925
20	-4.20	0.0220	0.1141	20	-2.10	0.	0.	20	-4.20	0.0218	0.1142
21	-4.00	0.0215	0.1356	21	-2.00	0.	0.	21	-4.00	0.0240	0.1382
22	-3.80	0.0259	0.1615	22	-1.90	0.	0.	22	-3.80	0.0229	0.1611
23	-3.60	0.0251	0.1866	23	-1.80	0.	0.	23	-3.60	0.0245	0.1856
24	-3.40	0.0238	0.2104	24	-1.70	0.	0.	24	-3.40	0.0242	0.2098
25	-3.20	0.0227	0.2331	25	-1.60	0.	0.	25	-3.20	0.0228	0.2326
26	-3.00	0.0241	0.2572	26	-1.50	0.	0.	26	-3.00	0.0236	0.2562
27	-2.80	0.0214	0.2786	27	-1.40	0.	0.	27	-2.80	0.0209	0.2771
28	-2.60	0.0217	0.3003	28	-1.30	0.0001	0.0001	28	-2.60	0.0214	0.2986
29	-2.40	0.0202	0.3206	29	-1.20	0.0001	0.0002	29	-2.40	0.0193	0.3178
30	-2.20	0.0162	0.3368	30	-1.10	0.0003	0.0006	30	-2.20	0.0191	0.3370
31	-2.00	0.0156	0.3524	31	-1.00	0.0015	0.0020	31	-2.00	0.0168	0.3538
32	-1.80	0.0179	0.3703	32	-0.90	0.0034	0.0054	32	-1.80	0.0159	0.3696
33	-1.60	0.0159	0.3862	33	-0.80	0.0054	0.0108	33	-1.60	0.0164	0.3860
34	-1.40	0.0158	0.4020	34	-0.70	0.0093	0.0200	34	-1.40	0.0147	0.4007
35	-1.20	0.0157	0.4176	35	-0.60	0.0234	0.0435	35	-1.20	0.0153	0.4160
36	-1.00	0.0136	0.4312	36	-0.50	0.0458	0.0893	36	-1.00	0.0157	0.4316
37	-0.80	0.0173	0.4485	37	-0.40	0.0760	0.1653	37	-0.80	0.0152	0.4468
38	-0.60	0.0135	0.4620	38	-0.30	0.0975	0.2627	38	-0.60	0.0148	0.4616
39	-0.40	0.0140	0.4760	39	-0.20	0.1099	0.3726	39	-0.40	0.0133	0.4749
40	-0.20	0.0146	0.4906	40	-0.10	0.1113	0.4839	40	-0.20	0.0129	0.4878
41	0.	0.0145	0.5050	41	0.	0.1053	0.5893	41	0.	0.0167	0.5045
42	0.20	0.0134	0.5185	42	0.10	0.0959	0.6851	42	0.20	0.0138	0.5183
43	0.40	0.0149	0.5333	43	0.20	0.0874	0.7725	43	0.40	0.0137	0.5320
44	0.60	0.0145	0.5479	44	0.30	0.0638	0.8363	44	0.60	0.0133	0.5453
45	0.80	0.0145	0.5624	45	0.40	0.0486	0.8849	45	0.80	0.0140	0.5593
46	1.00	0.0143	0.5767	46	0.50	0.0365	0.9214	46	1.00	0.0152	0.5744
47	1.20	0.0143	0.5909	47	0.60	0.0264	0.9478	47	1.20	0.0164	0.5909
48	1.40	0.0161	0.6070	48	0.70	0.0172	0.9649	48	1.40	0.0151	0.6059
49	1.60	0.0159	0.6229	49	0.80	0.0115	0.9764	49	1.60	0.0159	0.6219
50	1.80	0.0173	0.6403	50	0.90	0.0072	0.9836	50	1.80	0.0155	0.6374
51	2.00	0.0177	0.6579	51	1.00	0.0056	0.9892	51	2.00	0.0177	0.6551
52	2.20	0.0169	0.6748	52	1.10	0.0045	0.9937	52	2.20	0.0191	0.6742
53	2.40	0.0178	0.6926	53	1.20	0.0028	0.9965	53	2.40	0.0201	0.6943
54	2.60	0.0204	0.7130	54	1.30	0.0024	0.9989	54	2.60	0.0228	0.7170
55	2.80	0.0216	0.7346	55	1.40	0.0005	0.9994	55	2.80	0.0222	0.7392
56	3.00	0.0235	0.7581	56	1.50	0.0003	0.9997	56	3.00	0.0216	0.7609
57	3.20	0.0238	0.7819	57	1.60	0.0001	0.9998	57	3.20	0.0246	0.7855
58	3.40	0.0233	0.8052	58	1.70	0.	0.9998	58	3.40	0.0234	0.8089
59	3.60	0.0260	0.8312	59	1.80	0.	0.9998	59	3.60	0.0238	0.8326
60	3.80	0.0235	0.8547	60	1.90	0.0001	0.9999	60	3.80	0.0229	0.8556
61	4.00	0.0245	0.8792	61	2.00	0.	0.9999	61	4.00	0.0243	0.8799
62	4.20	0.0212	0.9003	62	2.10	0.0001	1.0000	62	4.20	0.0229	0.9028
63	4.40	0.0208	0.9211	63	2.20	0.	1.0000	63	4.40	0.0166	0.9194
64	4.60	0.0185	0.9396	64	2.30	0.	1.0000	64	4.60	0.0169	0.9364
65	4.80	0.0138	0.9534	65	2.40	0.	1.0000	65	4.80	0.0145	0.9509
66	5.00	0.0116	0.9650	66	2.50	0.	1.0000	66	5.00	0.0131	0.9640
67	5.20	0.0087	0.9737	67	2.60	0.	1.0000	67	5.20	0.0082	0.9722
68	5.40	0.0078	0.9815	68	2.70	0.	1.0000	68	5.40	0.0074	0.9796
69	5.60	0.0062	0.9877	69	2.80	0.	1.0000	69	5.60	0.0056	0.9851
70	5.80	0.0040	0.9917	70	2.90	0.	1.0000	70	5.80	0.0045	0.9896
71	6.00	0.0034	0.9951	71	3.00	0.	1.0000	71	6.00	0.0045	0.9941
72	6.20	0.0022	0.9973	72	3.10	0.	1.0000	72	6.20	0.0024	0.9964
73	6.40	0.0008	0.9981	73	3.20	0.	1.0000	73	6.40	0.0015	0.9980
74	6.60	0.0013	0.9995	74	3.30	0.	1.0000	74	6.60	0.0010	0.9990
75	6.80	0.0005	1.0000	75	3.40	0.	1.0000	75	6.80	0.0005	0.9995
76	7.00	0.	1.0000	76	3.50	0.	1.0000	76	7.00	0.0002	0.9997
77	7.20	0.	1.0000	77	3.60	0.	1.0000	77	7.20	0.0002	0.9999
78	7.40	0.	1.0000	78	3.70	0.	1.0000	78	7.40	0.0001	1.0000
79	7.60	0.	1.0000	79	3.80	0.	1.0000	79	7.60	0.	1.0000
80	7.80	0.	1.0000	80	3.90	0.	1.0000	80	7.80	0.	1.0000
81	8.00	0.	1.0000	81	4.00	0.	1.0000	81	8.00	0.	1.0000

I - INTERVAL NUMBER X - INTERVAL CENTER VALUE

P(X) - PROBABILITY MASS FUNCTION F(X) - CUMULATIVE DISTRIBUTION FUNCTION

PORTLAND ME.

STATISTICS FOR NOVEMBER

ASTRONOMICAL TIDE				STORM SURGE				TOTAL WATER LEVEL			
MEAN -0.01		STND DEV 3.26		MEAN 0.07		STND DEV 0.45		MEAN 0.06		STND DEV 3.29	
I	X	P(X)	F(X)	I	X	P(X)	F(X)	I	X	P(X)	F(X)
1	-8.00	0.	0.	1	-4.00	0.	0.	1	-8.00	0.	0.0001
2	-7.80	0.	0.	2	-3.90	0.	0.	2	-7.80	0.	0.0001
3	-7.60	0.	0.	3	-3.80	0.	0.	3	-7.60	0.0001	0.0002
4	-7.40	0.	0.	4	-3.70	0.	0.	4	-7.40	0.0001	0.0003
5	-7.20	0.	0.	5	-3.60	0.	0.	5	-7.20	0.0001	0.0004
6	-7.00	0.0001	0.0001	6	-3.50	0.	0.	6	-7.00	0.0009	0.0013
7	-6.80	0.0004	0.0005	7	-3.40	0.	0.	7	-6.80	0.0007	0.0020
8	-6.60	0.0011	0.0015	8	-3.30	0.	0.	8	-6.60	0.0008	0.0028
9	-6.40	0.0021	0.0036	9	-3.20	0.	0.	9	-6.40	0.0015	0.0043
10	-6.20	0.0023	0.0059	10	-3.10	0.	0.	10	-6.20	0.0029	0.0072
11	-6.00	0.0032	0.0091	11	-3.00	0.	0.	11	-6.00	0.0031	0.0102
12	-5.80	0.0041	0.0132	12	-2.90	0.	0.	12	-5.80	0.0049	0.0151
13	-5.60	0.0047	0.0179	13	-2.80	0.	0.	13	-5.60	0.0052	0.0203
14	-5.40	0.0063	0.0242	14	-2.70	0.	0.	14	-5.40	0.0065	0.0268
15	-5.20	0.0084	0.0326	15	-2.60	0.	0.	15	-5.20	0.0072	0.0340
16	-5.00	0.0107	0.0433	16	-2.50	0.	0.	16	-5.00	0.0112	0.0452
17	-4.80	0.0157	0.0590	17	-2.40	0.	0.	17	-4.80	0.0131	0.0583
18	-4.60	0.0176	0.0766	18	-2.30	0.	0.	18	-4.60	0.0174	0.0756
19	-4.40	0.0185	0.0950	19	-2.20	0.	0.	19	-4.40	0.0184	0.0941
20	-4.20	0.0200	0.1151	20	-2.10	0.0001	0.0001	20	-4.20	0.0195	0.1136
21	-4.00	0.0237	0.1388	21	-2.00	0.0001	0.0002	21	-4.00	0.0230	0.1366
22	-3.80	0.0257	0.1644	22	-1.90	0.0001	0.0003	22	-3.80	0.0244	0.1610
23	-3.60	0.0264	0.1908	23	-1.80	0.0001	0.0004	23	-3.60	0.0232	0.1842
24	-3.40	0.0270	0.2178	24	-1.70	0.0003	0.0007	24	-3.40	0.0233	0.2075
25	-3.20	0.0237	0.2415	25	-1.60	0.0005	0.0012	25	-3.20	0.0250	0.2324
26	-3.00	0.0229	0.2644	26	-1.50	0.0004	0.0016	26	-3.00	0.0218	0.2542
27	-2.80	0.0210	0.2855	27	-1.40	0.0005	0.0021	27	-2.80	0.0213	0.2755
28	-2.60	0.0200	0.3055	28	-1.30	0.0009	0.0031	28	-2.60	0.0210	0.2965
29	-2.40	0.0193	0.3248	29	-1.20	0.0021	0.0052	29	-2.40	0.0219	0.3184
30	-2.20	0.0177	0.3425	30	-1.10	0.0022	0.0074	30	-2.20	0.0166	0.3351
31	-2.00	0.0173	0.3597	31	-1.00	0.0029	0.0103	31	-2.00	0.0183	0.3534
32	-1.80	0.0166	0.3763	32	-0.90	0.0041	0.0144	32	-1.80	0.0158	0.3692
33	-1.60	0.0146	0.3909	33	-0.80	0.0086	0.0230	33	-1.60	0.0139	0.3831
34	-1.40	0.0150	0.4059	34	-0.70	0.0146	0.0376	34	-1.40	0.0165	0.3995
35	-1.20	0.0148	0.4207	35	-0.60	0.0196	0.0572	35	-1.20	0.0138	0.4134
36	-1.00	0.0152	0.4359	36	-0.50	0.0326	0.0898	36	-1.00	0.0159	0.4293
37	-0.80	0.0152	0.4510	37	-0.40	0.0481	0.1379	37	-0.80	0.0144	0.4437
38	-0.60	0.0144	0.4653	38	-0.30	0.0715	0.2094	38	-0.60	0.0143	0.4580
39	-0.40	0.0136	0.4790	39	-0.20	0.0912	0.3006	39	-0.40	0.0141	0.4721
40	-0.20	0.0152	0.4942	40	-0.10	0.1040	0.4046	40	-0.20	0.0151	0.4872
41	0.	0.0153	0.5095	41	0.	0.1055	0.5101	41	0.	0.0149	0.5021
42	0.20	0.0133	0.5228	42	0.10	0.1005	0.6105	42	0.20	0.0136	0.5157
43	0.40	0.0144	0.5371	43	0.20	0.0940	0.7046	43	0.40	0.0149	0.5306
44	0.60	0.0150	0.5521	44	0.30	0.0721	0.7767	44	0.60	0.0134	0.5440
45	0.80	0.0125	0.5646	45	0.40	0.0540	0.8307	45	0.80	0.0138	0.5578
46	1.00	0.0159	0.5806	46	0.50	0.0461	0.8768	46	1.00	0.0160	0.5738
47	1.20	0.0148	0.5954	47	0.60	0.0354	0.9122	47	1.20	0.0157	0.5894
48	1.40	0.0157	0.6111	48	0.70	0.0278	0.9400	48	1.40	0.0145	0.6040
49	1.60	0.0167	0.6278	49	0.80	0.0164	0.9563	49	1.60	0.0157	0.6197
50	1.80	0.0144	0.6421	50	0.90	0.0112	0.9676	50	1.80	0.0149	0.6346
51	2.00	0.0175	0.6597	51	1.00	0.0070	0.9746	51	2.00	0.0163	0.6509
52	2.20	0.0170	0.6767	52	1.10	0.0058	0.9804	52	2.20	0.0173	0.6681
53	2.40	0.0188	0.6954	53	1.20	0.0033	0.9837	53	2.40	0.0178	0.6859
54	2.60	0.0206	0.7161	54	1.30	0.0027	0.9864	54	2.60	0.0235	0.7094
55	2.80	0.0218	0.7378	55	1.40	0.0029	0.9892	55	2.80	0.0214	0.7308
56	3.00	0.0239	0.7618	56	1.50	0.0024	0.9916	56	3.00	0.0236	0.7544
57	3.20	0.0265	0.7883	57	1.60	0.0021	0.9938	57	3.20	0.0263	0.7807
58	3.40	0.0266	0.8149	58	1.70	0.0013	0.9950	58	3.40	0.0254	0.8060
59	3.60	0.0263	0.8413	59	1.80	0.0005	0.9955	59	3.60	0.0255	0.8315
60	3.80	0.0250	0.8663	60	1.90	0.0009	0.9964	60	3.80	0.0241	0.8556
61	4.00	0.0223	0.8886	61	2.00	0.0009	0.9972	61	4.00	0.0230	0.8766
62	4.20	0.0201	0.9087	62	2.10	0.0006	0.9978	62	4.20	0.0203	0.8969
63	4.40	0.0189	0.9276	63	2.20	0.0003	0.9981	63	4.40	0.0183	0.9171
64	4.60	0.0176	0.9452	64	2.30	0.0005	0.9987	64	4.60	0.0162	0.9333
65	4.80	0.0132	0.9584	65	2.40	0.0003	0.9990	65	4.80	0.0155	0.9488
66	5.00	0.0095	0.9679	66	2.50	0.0001	0.9991	66	5.00	0.0116	0.9604
67	5.20	0.0079	0.9758	67	2.60	0.0005	0.9995	67	5.20	0.0094	0.9698
68	5.40	0.0056	0.9814	68	2.70	0.0001	0.9997	68	5.40	0.0072	0.9770
69	5.60	0.0050	0.9863	69	2.80	0.	0.9997	69	5.60	0.0062	0.9832
70	5.80	0.0036	0.9899	70	2.90	0.0003	0.9999	70	5.80	0.0049	0.9881
71	6.00	0.0032	0.9931	71	3.00	0.	0.9999	71	6.00	0.0042	0.9922
72	6.20	0.0023	0.9954	72	3.10	0.0001	1.0000	72	6.20	0.0026	0.9948
73	6.40	0.0024	0.9978	73	3.20	0.	1.0000	73	6.40	0.0017	0.9965
74	6.60	0.0015	0.9992	74	3.30	0.	1.0000	74	6.60	0.0013	0.9977
75	6.80	0.0007	0.9999	75	3.40	0.	1.0000	75	6.80	0.0011	0.9989
76	7.00	0.0001	1.0000	76	3.50	0.	1.0000	76	7.00	0.0006	0.9995
77	7.20	0.	1.0000	77	3.60	0.	1.0000	77	7.20	0.0001	0.9996
78	7.40	0.	1.0000	78	3.70	0.	1.0000	78	7.40	0.0001	0.9997
79	7.60	0.	1.0000	79	3.80	0.	1.0000	79	7.60	0.	0.9997
80	7.80	0.	1.0000	80	3.90	0.	1.0000	80	7.80	0.0001	0.9997
81	8.00	0.	1.0000	81	4.00	0.	1.0000	81	8.00	0.0001	0.9998

I - INTERVAL NUMBER X - INTERVAL CENTER VALUE

P(X) - PROBABILITY MASS FUNCTION F(X) - CUMULATIVE DISTRIBUTION FUNCTION

PORTLAND ME.

STATISTICS FOR DECEMBER

ASTRONOMICAL TIDE				STORM SURGE				TOTAL WATER LEVEL			
MEAN-0.08		STND DEV 3.25		MEAN-0.02		STND DEV 0.51		MEAN-0.10		STND DEV 3.29	
I	X	P(X)	F(X)	I	X	P(X)	F(X)	I	X	P(X)	F(X)
1	-8.00	0.	0.	1	-4.00	0.	0.	1	-8.00	0.	0.
2	-7.80	0.	0.	2	-3.90	0.	0.	2	-7.80	0.	0.
3	-7.60	0.	0.	3	-3.80	0.	0.	3	-7.60	0.	0.
4	-7.40	0.	0.	4	-3.70	0.	0.	4	-7.40	0.0003	0.0003
5	-7.20	0.	0.	5	-3.60	0.	0.	5	-7.20	0.0001	0.0004
6	-7.00	0.	0.	6	-3.50	0.	0.	6	-7.00	0.0005	0.0010
7	-6.80	0.0004	0.0004	7	-3.40	0.	0.	7	-6.80	0.0011	0.0020
8	-6.60	0.0015	0.0019	8	-3.30	0.	0.	8	-6.60	0.0012	0.0032
9	-6.40	0.0019	0.0038	9	-3.20	0.	0.	9	-6.40	0.0020	0.0051
10	-6.20	0.0028	0.0066	10	-3.10	0.	0.	10	-6.20	0.0032	0.0084
11	-6.00	0.0025	0.0091	11	-3.00	0.	0.	11	-6.00	0.0035	0.0119
12	-5.80	0.0046	0.0137	12	-2.90	0.	0.	12	-5.80	0.0043	0.0162
13	-5.60	0.0042	0.0179	13	-2.80	0.	0.	13	-5.60	0.0067	0.0229
14	-5.40	0.0068	0.0247	14	-2.70	0.	0.	14	-5.40	0.0091	0.0319
15	-5.20	0.0093	0.0340	15	-2.60	0.	0.	15	-5.20	0.0108	0.0428
16	-5.00	0.0116	0.0456	16	-2.50	0.	0.	16	-5.00	0.0126	0.0553
17	-4.80	0.0151	0.0606	17	-2.40	0.	0.	17	-4.80	0.0168	0.0721
18	-4.60	0.0184	0.0790	18	-2.30	0.0001	0.0001	18	-4.60	0.0178	0.0900
19	-4.40	0.0208	0.0997	19	-2.20	0.	0.0001	19	-4.40	0.0200	0.1099
20	-4.20	0.0231	0.1229	20	-2.10	0.	0.0001	20	-4.20	0.0233	0.1332
21	-4.00	0.0222	0.1450	21	-2.00	0.0002	0.0003	21	-4.00	0.0236	0.1569
22	-3.80	0.0254	0.1704	22	-1.90	0.0001	0.0004	22	-3.80	0.0224	0.1792
23	-3.60	0.0269	0.1973	23	-1.80	0.0002	0.0006	23	-3.60	0.0238	0.2030
24	-3.40	0.0269	0.2242	24	-1.70	0.0010	0.0016	24	-3.40	0.0240	0.2270
25	-3.20	0.0258	0.2500	25	-1.60	0.0012	0.0027	25	-3.20	0.0219	0.2489
26	-3.00	0.0244	0.2744	26	-1.50	0.0010	0.0037	26	-3.00	0.0224	0.2713
27	-2.80	0.0194	0.2938	27	-1.40	0.0018	0.0055	27	-2.80	0.0203	0.2915
28	-2.60	0.0191	0.3128	28	-1.30	0.0028	0.0083	28	-2.60	0.0199	0.3114
29	-2.40	0.0185	0.3313	29	-1.20	0.0036	0.0119	29	-2.40	0.0182	0.3296
30	-2.20	0.0177	0.3490	30	-1.10	0.0055	0.0174	30	-2.20	0.0175	0.3471
31	-2.00	0.0164	0.3654	31	-1.00	0.0086	0.0260	31	-2.00	0.0169	0.3640
32	-1.80	0.0158	0.3812	32	-0.90	0.0126	0.0386	32	-1.80	0.0173	0.3813
33	-1.60	0.0169	0.3981	33	-0.80	0.0222	0.0608	33	-1.60	0.0162	0.3975
34	-1.40	0.0132	0.4113	34	-0.70	0.0274	0.0882	34	-1.40	0.0140	0.4115
35	-1.20	0.0143	0.4256	35	-0.60	0.0398	0.1280	35	-1.20	0.0143	0.4258
36	-1.00	0.0155	0.4411	36	-0.50	0.0519	0.1799	36	-1.00	0.0149	0.4406
37	-0.80	0.0149	0.4560	37	-0.40	0.0592	0.2391	37	-0.80	0.0155	0.4562
38	-0.60	0.0151	0.4710	38	-0.30	0.0754	0.3145	38	-0.60	0.0150	0.4712
39	-0.40	0.0142	0.4852	39	-0.20	0.0898	0.4042	39	-0.40	0.0143	0.4855
40	-0.20	0.0140	0.4992	40	-0.10	0.0869	0.4912	40	-0.20	0.0139	0.4994
41	0.	0.0134	0.5126	41	0.	0.0856	0.5767	41	0.	0.0141	0.5134
42	0.20	0.0147	0.5273	42	0.10	0.0898	0.6665	42	0.20	0.0126	0.5260
43	0.40	0.0144	0.5417	43	0.20	0.0722	0.7387	43	0.40	0.0147	0.5407
44	0.60	0.0136	0.5552	44	0.30	0.0602	0.7988	44	0.60	0.0140	0.5547
45	0.80	0.0159	0.5711	45	0.40	0.0464	0.8452	45	0.80	0.0155	0.5702
46	1.00	0.0165	0.5876	46	0.50	0.0402	0.8854	46	1.00	0.0159	0.5861
47	1.20	0.0142	0.6018	47	0.60	0.0263	0.9117	47	1.20	0.0151	0.6012
48	1.40	0.0161	0.6179	48	0.70	0.0178	0.9295	48	1.40	0.0146	0.6158
49	1.60	0.0147	0.6325	49	0.80	0.0156	0.9451	49	1.60	0.0174	0.6332
50	1.80	0.0162	0.6487	50	0.90	0.0135	0.9586	50	1.80	0.0170	0.6501
51	2.00	0.0169	0.6657	51	1.00	0.0103	0.9689	51	2.00	0.0178	0.6680
52	2.20	0.0188	0.6845	52	1.10	0.0077	0.9766	52	2.20	0.0195	0.6874
53	2.40	0.0200	0.7044	53	1.20	0.0066	0.9832	53	2.40	0.0200	0.7074
54	2.60	0.0198	0.7243	54	1.30	0.0039	0.9871	54	2.60	0.0211	0.7285
55	2.80	0.0205	0.7448	55	1.40	0.0025	0.9896	55	2.80	0.0236	0.7521
56	3.00	0.0266	0.7714	56	1.50	0.0032	0.9928	56	3.00	0.0247	0.7767
57	3.20	0.0266	0.7980	57	1.60	0.0019	0.9947	57	3.20	0.0238	0.8005
58	3.40	0.0279	0.8259	58	1.70	0.0012	0.9959	58	3.40	0.0251	0.8256
59	3.60	0.0266	0.8524	59	1.80	0.0009	0.9968	59	3.60	0.0237	0.8493
60	3.80	0.0237	0.8761	60	1.90	0.0007	0.9975	60	3.80	0.0242	0.8735
61	4.00	0.0213	0.8975	61	2.00	0.0009	0.9984	61	4.00	0.0218	0.8953
62	4.20	0.0198	0.9173	62	2.10	0.0006	0.9990	62	4.20	0.0171	0.9124
63	4.40	0.0177	0.9350	63	2.20	0.0001	0.9991	63	4.40	0.0176	0.9300
64	4.60	0.0153	0.9503	64	2.30	0.0003	0.9994	64	4.60	0.0149	0.9449
65	4.80	0.0119	0.9622	65	2.40	0.0002	0.9996	65	4.80	0.0122	0.9571
66	5.00	0.0094	0.9716	66	2.50	0.0002	0.9998	66	5.00	0.0091	0.9661
67	5.20	0.0067	0.9783	67	2.60	0.0001	0.9999	67	5.20	0.0081	0.9742
68	5.40	0.0050	0.9833	68	2.70	0.	0.9999	68	5.40	0.0068	0.9810
69	5.60	0.0036	0.9870	69	2.80	0.0001	0.9999	69	5.60	0.0064	0.9874
70	5.80	0.0043	0.9913	70	2.90	0.0001	1.0000	70	5.80	0.0028	0.9903
71	6.00	0.0030	0.9943	71	3.00	0.	1.0000	71	6.00	0.0028	0.9931
72	6.20	0.0021	0.9964	72	3.10	0.	1.0000	72	6.20	0.0019	0.9950
73	6.40	0.0021	0.9985	73	3.20	0.	1.0000	73	6.40	0.0015	0.9965
74	6.60	0.0011	0.9997	74	3.30	0.	1.0000	74	6.60	0.0015	0.9980
75	6.80	0.0003	0.9999	75	3.40	0.	1.0000	75	6.80	0.0007	0.9987
76	7.00	0.0001	1.0000	76	3.50	0.	1.0000	76	7.00	0.0004	0.9991
77	7.20	0.	1.0000	77	3.60	0.	1.0000	77	7.20	0.0003	0.9995
78	7.40	0.	1.0000	78	3.70	0.	1.0000	78	7.40	0.0002	0.9997
79	7.60	0.	1.0000	79	3.80	0.	1.0000	79	7.60	0.0003	0.9999
80	7.80	0.	1.0000	80	3.90	0.	1.0000	80	7.80	0.	0.9999
81	8.00	0.	1.0000	81	4.00	0.	1.0000	81	8.00	0.	0.9999

I - INTERVAL NUMBER X - INTERVAL CENTER VALUE

P(X) - PROBABILITY MASS FUNCTION F(X) - CUMULATIVE DISTRIBUTION FUNCTION

SEAVEY ISLAND ME.

YEARLY STATISTICS

ASTRONOMICAL TIDE				STORM SURGE				TOTAL WATER LEVEL			
MEAN 0.00		STND DEV 3.17		MEAN-0.00		STND DEV 0.41		MEAN-0.00		STND DEV 3.19	
I	X	P(X)	F(X)	I	X	P(X)	F(X)	I	X	P(X)	F(X)
1	-8.00	0.	0.	1	-4.00	0.	0.	1	-8.00	0.	0.
2	-7.80	0.	0.	2	-3.90	0.	0.	2	-7.80	0.0000	0.0000
3	-7.60	0.	0.	3	-3.80	0.	0.	3	-7.60	0.0000	0.0000
4	-7.40	0.	0.	4	-3.70	0.	0.	4	-7.40	0.0000	0.0000
5	-7.20	0.	0.	5	-3.60	0.	0.	5	-7.20	0.0001	0.0001
6	-7.00	0.	0.	6	-3.50	0.	0.	6	-7.00	0.0001	0.0002
7	-6.80	0.0000	0.0000	7	-3.40	0.	0.	7	-6.80	0.0004	0.0006
8	-6.60	0.0002	0.0002	8	-3.30	0.	0.	8	-6.60	0.0007	0.0013
9	-6.40	0.0008	0.0010	9	-3.20	0.	0.	9	-6.40	0.0012	0.0025
10	-6.20	0.0016	0.0027	10	-3.10	0.	0.	10	-6.20	0.0018	0.0043
11	-6.00	0.0025	0.0052	11	-3.00	0.	0.	11	-6.00	0.0029	0.0072
12	-5.80	0.0035	0.0086	12	-2.90	0.	0.	12	-5.80	0.0042	0.0114
13	-5.60	0.0046	0.0132	13	-2.80	0.	0.	13	-5.60	0.0051	0.0165
14	-5.40	0.0061	0.0193	14	-2.70	0.	0.	14	-5.40	0.0068	0.0233
15	-5.20	0.0078	0.0271	15	-2.60	0.	0.	15	-5.20	0.0086	0.0319
16	-5.00	0.0099	0.0371	16	-2.50	0.	0.	16	-5.00	0.0107	0.0426
17	-4.80	0.0128	0.0499	17	-2.40	0.	0.	17	-4.80	0.0132	0.0558
18	-4.60	0.0151	0.0650	18	-2.30	0.	0.	18	-4.60	0.0159	0.0717
19	-4.40	0.0195	0.0844	19	-2.20	0.	0.	19	-4.40	0.0188	0.0905
20	-4.20	0.0209	0.1054	20	-2.10	0.0000	0.0000	20	-4.20	0.0204	0.1109
21	-4.00	0.0229	0.1282	21	-2.00	0.0001	0.0001	21	-4.00	0.0219	0.1328
22	-3.80	0.0244	0.1526	22	-1.90	0.0001	0.0002	22	-3.80	0.0235	0.1563
23	-3.60	0.0251	0.1777	23	-1.80	0.0003	0.0005	23	-3.60	0.0235	0.1799
24	-3.40	0.0258	0.2035	24	-1.70	0.0002	0.0008	24	-3.40	0.0232	0.2031
25	-3.20	0.0256	0.2291	25	-1.60	0.0005	0.0012	25	-3.20	0.0236	0.2267
26	-3.00	0.0242	0.2533	26	-1.50	0.0008	0.0020	26	-3.00	0.0227	0.2495
27	-2.80	0.0223	0.2756	27	-1.40	0.0010	0.0030	27	-2.80	0.0213	0.2707
28	-2.60	0.0209	0.2964	28	-1.30	0.0015	0.0045	28	-2.60	0.0205	0.2912
29	-2.40	0.0197	0.3161	29	-1.20	0.0023	0.0068	29	-2.40	0.0203	0.3114
30	-2.20	0.0180	0.3341	30	-1.10	0.0035	0.0103	30	-2.20	0.0185	0.3299
31	-2.00	0.0176	0.3517	31	-1.00	0.0052	0.0155	31	-2.00	0.0178	0.3477
32	-1.80	0.0165	0.3682	32	-0.90	0.0082	0.0236	32	-1.80	0.0174	0.3651
33	-1.60	0.0165	0.3847	33	-0.80	0.0113	0.0349	33	-1.60	0.0168	0.3819
34	-1.40	0.0162	0.4009	34	-0.70	0.0164	0.0512	34	-1.40	0.0167	0.3986
35	-1.20	0.0150	0.4159	35	-0.60	0.0240	0.0752	35	-1.20	0.0165	0.4151
36	-1.00	0.0156	0.4315	36	-0.50	0.0366	0.1118	36	-1.00	0.0160	0.4311
37	-0.80	0.0150	0.4465	37	-0.40	0.0540	0.1658	37	-0.80	0.0159	0.4471
38	-0.60	0.0150	0.4615	38	-0.30	0.0764	0.2421	38	-0.60	0.0153	0.4624
39	-0.40	0.0149	0.4764	39	-0.20	0.0954	0.3376	39	-0.40	0.0148	0.4772
40	-0.20	0.0147	0.4911	40	-0.10	0.1094	0.4470	40	-0.20	0.0150	0.4922
41	0.	0.0149	0.5060	41	0.	0.1187	0.5657	41	0.	0.0143	0.5065
42	0.20	0.0149	0.5209	42	0.10	0.1115	0.6772	42	0.20	0.0147	0.5213
43	0.40	0.0149	0.5358	43	0.20	0.0924	0.7696	43	0.40	0.0144	0.5357
44	0.60	0.0147	0.5504	44	0.30	0.0728	0.8424	44	0.60	0.0153	0.5510
45	0.80	0.0152	0.5656	45	0.40	0.0501	0.8925	45	0.80	0.0148	0.5658
46	1.00	0.0157	0.5813	46	0.50	0.0343	0.9268	46	1.00	0.0155	0.5813
47	1.20	0.0161	0.5974	47	0.60	0.0235	0.9502	47	1.20	0.0159	0.5972
48	1.40	0.0161	0.6135	48	0.70	0.0154	0.9656	48	1.40	0.0157	0.6128
49	1.60	0.0160	0.6296	49	0.80	0.0099	0.9754	49	1.60	0.0169	0.6297
50	1.80	0.0172	0.6467	50	0.90	0.0065	0.9819	50	1.80	0.0170	0.6467
51	2.00	0.0178	0.6646	51	1.00	0.0045	0.9867	51	2.00	0.0187	0.6654
52	2.20	0.0191	0.6836	52	1.10	0.0034	0.9902	52	2.20	0.0193	0.6848
53	2.40	0.0203	0.7039	53	1.20	0.0026	0.9928	53	2.40	0.0205	0.7052
54	2.60	0.0211	0.7250	54	1.30	0.0017	0.9945	54	2.60	0.0222	0.7274
55	2.80	0.0233	0.7482	55	1.40	0.0013	0.9959	55	2.80	0.0237	0.7511
56	3.00	0.0241	0.7723	56	1.50	0.0010	0.9969	56	3.00	0.0241	0.7752
57	3.20	0.0261	0.7984	57	1.60	0.0008	0.9977	57	3.20	0.0253	0.8005
58	3.40	0.0267	0.8251	58	1.70	0.0006	0.9984	58	3.40	0.0250	0.8255
59	3.60	0.0255	0.8506	59	1.80	0.0005	0.9988	59	3.60	0.0247	0.8502
60	3.80	0.0239	0.8745	60	1.90	0.0002	0.9990	60	3.80	0.0238	0.8740
61	4.00	0.0231	0.8976	61	2.00	0.0002	0.9992	61	4.00	0.0219	0.8959
62	4.20	0.0199	0.9176	62	2.10	0.0002	0.9994	62	4.20	0.0196	0.9154
63	4.40	0.0190	0.9366	63	2.20	0.0001	0.9995	63	4.40	0.0175	0.9329
64	4.60	0.0155	0.9520	64	2.30	0.0001	0.9996	64	4.60	0.0154	0.9483
65	4.80	0.0124	0.9644	65	2.40	0.0001	0.9998	65	4.80	0.0130	0.9613
66	5.00	0.0095	0.9740	66	2.50	0.0001	0.9999	66	5.00	0.0100	0.9712
67	5.20	0.0071	0.9811	67	2.60	0.0001	0.9999	67	5.20	0.0082	0.9795
68	5.40	0.0060	0.9870	68	2.70	0.0000	0.9999	68	5.40	0.0061	0.9856
69	5.60	0.0043	0.9914	69	2.80	0.0000	0.9999	69	5.60	0.0044	0.9900
70	5.80	0.0033	0.9946	70	2.90	0.0000	1.0000	70	5.80	0.0036	0.9936
71	6.00	0.0026	0.9972	71	3.00	0.0000	1.0000	71	6.00	0.0024	0.9961
72	6.20	0.0016	0.9988	72	3.10	0.	1.0000	72	6.20	0.0016	0.9977
73	6.40	0.0010	0.9997	73	3.20	0.	1.0000	73	6.40	0.0009	0.9986
74	6.60	0.0003	1.0000	74	3.30	0.	1.0000	74	6.60	0.0007	0.9993
75	6.80	0.0000	1.0000	75	3.40	0.0000	1.0000	75	6.80	0.0004	0.9997
76	7.00	0.	1.0000	76	3.50	0.	1.0000	76	7.00	0.0002	0.9998
77	7.20	0.	1.0000	77	3.60	0.	1.0000	77	7.20	0.0001	0.9999
78	7.40	0.	1.0000	78	3.70	0.	1.0000	78	7.40	0.0001	1.0000
79	7.60	0.	1.0000	79	3.80	0.	1.0000	79	7.60	0.0000	1.0000
80	7.80	0.	1.0000	80	3.90	0.	1.0000	80	7.80	0.0000	1.0000
81	8.00	0.	1.0000	81	4.00	0.	1.0000	81	8.00	0.0000	1.0000

I - INTERVAL NUMBER X - INTERVAL CENTER VALUE

P(X) - PROBABILITY MASS FUNCTION F(X) - CUMULATIVE DISTRIBUTION FUNCTION

SEAVEY ISLAND ME.

STATISTICS FOR JANUARY

ASTRONOMICAL TIDE				STORM SURGE				TOTAL WATER LEVEL			
MEAN 0.00		STND DEV 3.17		MEAN-0.11		STND DEV 0.52		MEAN-0.11		STND DEV 3.20	
I	X	P(X)	F(X)	I	X	P(X)	F(X)	I	X	P(X)	F(X)
1	-8.00	0.	0.	1	-4.00	0.	0.	1	-8.00	0.	0.
2	-7.80	0.	0.	2	-3.90	0.	0.	2	-7.80	0.	0.
3	-7.60	0.	0.	3	-3.80	0.	0.	3	-7.60	0.	0.
4	-7.40	0.	0.	4	-3.70	0.	0.	4	-7.40	0.	0.
5	-7.20	0.	0.	5	-3.60	0.	0.	5	-7.20	0.0002	0.0002
6	-7.00	0.	0.	6	-3.50	0.	0.	6	-7.00	0.0002	0.0004
7	-6.80	0.	0.	7	-3.40	0.	0.	7	-6.80	0.0005	0.0009
8	-6.60	0.0001	0.0001	8	-3.30	0.	0.	8	-6.60	0.0016	0.0025
9	-6.40	0.0007	0.0008	9	-3.20	0.	0.	9	-6.40	0.0016	0.0041
10	-6.20	0.0016	0.0024	10	-3.10	0.	0.	10	-6.20	0.0019	0.0061
11	-6.00	0.0024	0.0048	11	-3.00	0.	0.	11	-6.00	0.0043	0.0104
12	-5.80	0.0028	0.0076	12	-2.90	0.	0.	12	-5.80	0.0046	0.0149
13	-5.60	0.0040	0.0116	13	-2.80	0.	0.	13	-5.60	0.0058	0.0207
14	-5.40	0.0052	0.0167	14	-2.70	0.	0.	14	-5.40	0.0093	0.0299
15	-5.20	0.0081	0.0248	15	-2.60	0.	0.	15	-5.20	0.0095	0.0394
16	-5.00	0.0084	0.0332	16	-2.50	0.	0.	16	-5.00	0.0135	0.0529
17	-4.80	0.0145	0.0477	17	-2.40	0.	0.	17	-4.80	0.0128	0.0658
18	-4.60	0.0155	0.0633	18	-2.30	0.	0.	18	-4.60	0.0162	0.0820
19	-4.40	0.0213	0.0845	19	-2.20	0.	0.	19	-4.40	0.0198	0.1018
20	-4.20	0.0223	0.1069	20	-2.10	0.	0.	20	-4.20	0.0211	0.1229
21	-4.00	0.0223	0.1291	21	-2.00	0.0002	0.0002	21	-4.00	0.0217	0.1446
22	-3.80	0.0225	0.1516	22	-1.90	0.0002	0.0005	22	-3.80	0.0244	0.1691
23	-3.60	0.0238	0.1754	23	-1.80	0.0007	0.0011	23	-3.60	0.0230	0.1921
24	-3.40	0.0257	0.2011	24	-1.70	0.0008	0.0019	24	-3.40	0.0220	0.2140
25	-3.20	0.0259	0.2300	25	-1.60	0.0013	0.0033	25	-3.20	0.0236	0.2376
26	-3.00	0.0235	0.2535	26	-1.50	0.0028	0.0061	26	-3.00	0.0227	0.2603
27	-2.80	0.0231	0.2766	27	-1.40	0.0039	0.0100	27	-2.80	0.0198	0.2801
28	-2.60	0.0199	0.2965	28	-1.30	0.0046	0.0146	28	-2.60	0.0216	0.3017
29	-2.40	0.0213	0.3177	29	-1.20	0.0067	0.0212	29	-2.40	0.0196	0.3213
30	-2.20	0.0187	0.3364	30	-1.10	0.0109	0.0321	30	-2.20	0.0173	0.3386
31	-2.00	0.0158	0.3522	31	-1.00	0.0143	0.0464	31	-2.00	0.0176	0.3563
32	-1.80	0.0160	0.3682	32	-0.90	0.0198	0.0662	32	-1.80	0.0173	0.3736
33	-1.60	0.0162	0.3844	33	-0.80	0.0290	0.0952	33	-1.60	0.0182	0.3918
34	-1.40	0.0166	0.4011	34	-0.70	0.0358	0.1311	34	-1.40	0.0166	0.4084
35	-1.20	0.0158	0.4168	35	-0.60	0.0460	0.1771	35	-1.20	0.0152	0.4235
36	-1.00	0.0155	0.4323	36	-0.50	0.0620	0.2390	36	-1.00	0.0149	0.4384
37	-0.80	0.0129	0.4452	37	-0.40	0.0748	0.3138	37	-0.80	0.0164	0.4548
38	-0.60	0.0183	0.4635	38	-0.30	0.0824	0.3961	38	-0.60	0.0161	0.4708
39	-0.40	0.0134	0.4769	39	-0.20	0.0863	0.4824	39	-0.40	0.0142	0.4850
40	-0.20	0.0140	0.4908	40	-0.10	0.0829	0.5653	40	-0.20	0.0150	0.5000
41	0.	0.0158	0.5066	41	0.	0.0767	0.6419	41	0.	0.0152	0.5152
42	0.20	0.0148	0.5214	42	0.10	0.0682	0.7102	42	0.20	0.0148	0.5299
43	0.40	0.0155	0.5368	43	0.20	0.0630	0.7732	43	0.40	0.0139	0.5438
44	0.60	0.0143	0.5512	44	0.30	0.0523	0.8255	44	0.60	0.0154	0.5592
45	0.80	0.0160	0.5671	45	0.40	0.0456	0.8710	45	0.80	0.0146	0.5739
46	1.00	0.0154	0.5825	46	0.50	0.0332	0.9043	46	1.00	0.0148	0.5886
47	1.20	0.0145	0.5970	47	0.60	0.0264	0.9306	47	1.20	0.0161	0.6047
48	1.40	0.0170	0.6140	48	0.70	0.0199	0.9505	48	1.40	0.0168	0.6215
49	1.60	0.0173	0.6313	49	0.80	0.0143	0.9648	49	1.60	0.0201	0.6416
50	1.80	0.0164	0.6476	50	0.90	0.0081	0.9729	50	1.80	0.0163	0.6579
51	2.00	0.0170	0.6647	51	1.00	0.0062	0.9791	51	2.00	0.0183	0.6762
52	2.20	0.0193	0.6839	52	1.10	0.0053	0.9844	52	2.20	0.0199	0.6960
53	2.40	0.0211	0.7051	53	1.20	0.0041	0.9885	53	2.40	0.0215	0.7175
54	2.60	0.0205	0.7256	54	1.30	0.0028	0.9913	54	2.60	0.0225	0.7400
55	2.80	0.0242	0.7498	55	1.40	0.0032	0.9945	55	2.80	0.0240	0.7640
56	3.00	0.0236	0.7734	56	1.50	0.0016	0.9960	56	3.00	0.0241	0.7882
57	3.20	0.0261	0.7994	57	1.60	0.0014	0.9975	57	3.20	0.0255	0.8136
58	3.40	0.0272	0.8266	58	1.70	0.0008	0.9983	58	3.40	0.0238	0.8374
59	3.60	0.0232	0.8498	59	1.80	0.0008	0.9991	59	3.60	0.0228	0.8602
60	3.80	0.0250	0.8748	60	1.90	0.0007	0.9998	60	3.80	0.0227	0.8829
61	4.00	0.0199	0.8947	61	2.00	0.0002	0.9999	61	4.00	0.0209	0.9038
62	4.20	0.0199	0.9146	62	2.10	0.0001	1.0000	62	4.20	0.0170	0.9209
63	4.40	0.0197	0.9343	63	2.20	0.	1.0000	63	4.40	0.0182	0.9391
64	4.60	0.0159	0.9502	64	2.30	0.	1.0000	64	4.60	0.0131	0.9522
65	4.80	0.0153	0.9655	65	2.40	0.	1.0000	65	4.80	0.0133	0.9655
66	5.00	0.0095	0.9750	66	2.50	0.	1.0000	66	5.00	0.0087	0.9742
67	5.20	0.0078	0.9828	67	2.60	0.	1.0000	67	5.20	0.0070	0.9813
68	5.40	0.0049	0.9876	68	2.70	0.	1.0000	68	5.40	0.0071	0.9884
69	5.60	0.0037	0.9913	69	2.80	0.	1.0000	69	5.60	0.0035	0.9919
70	5.80	0.0033	0.9946	70	2.90	0.	1.0000	70	5.80	0.0031	0.9950
71	6.00	0.0027	0.9972	71	3.00	0.	1.0000	71	6.00	0.0022	0.9972
72	6.20	0.0016	0.9989	72	3.10	0.	1.0000	72	6.20	0.0011	0.9983
73	6.40	0.0010	0.9998	73	3.20	0.	1.0000	73	6.40	0.0007	0.9990
74	6.60	0.0002	1.0000	74	3.30	0.	1.0000	74	6.60	0.0004	0.9993
75	6.80	0.	1.0000	75	3.40	0.	1.0000	75	6.80	0.0005	0.9998
76	7.00	0.	1.0000	76	3.50	0.	1.0000	76	7.00	0.	0.9998
77	7.20	0.	1.0000	77	3.60	0.	1.0000	77	7.20	0.0001	0.9998
78	7.40	0.	1.0000	78	3.70	0.	1.0000	78	7.40	0.	0.9998
79	7.60	0.	1.0000	79	3.80	0.	1.0000	79	7.60	0.0001	0.9999
80	7.80	0.	1.0000	80	3.90	0.	1.0000	80	7.80	0.	0.9999
81	8.00	0.	1.0000	81	4.00	0.	1.0000	81	8.00	0.0001	1.0000

I - INTERVAL NUMBER X - INTERVAL CENTER VALUE

P(X) - PROBABILITY MASS FUNCTION F(X) - CUMULATIVE DISTRIBUTION FUNCTION

SEAVEY ISLAND ME.

STATISTICS FOR FEBRUARY

ASTRONOMICAL TIDE				STORM SURGE				TOTAL WATER LEVEL			
MEAN 0.00		STND DEV 3.17		MEAN-0.13		STND DEV 0.51		MEAN-0.13		STND DEV 3.21	
I	X	P(X)	F(X)	I	X	P(X)	F(X)	I	X	P(X)	F(X)
1	-8.00	0.	0.	1	-4.00	0.	0.	1	-8.00	0.	0.
2	-7.80	0.	0.	2	-3.90	0.	0.	2	-7.80	0.	0.
3	-7.60	0.	0.	3	-3.80	0.	0.	3	-7.60	0.	0.
4	-7.40	0.	0.	4	-3.70	0.	0.	4	-7.40	0.	0.
5	-7.20	0.	0.	5	-3.60	0.	0.	5	-7.20	0.	0.
6	-7.00	0.	0.	6	-3.50	0.	0.	6	-7.00	0.0003	0.0003
7	-6.80	0.	0.	7	-3.40	0.	0.	7	-6.80	0.0005	0.0007
8	-6.60	0.	0.	8	-3.30	0.	0.	8	-6.60	0.0008	0.0016
9	-6.40	0.0004	0.0004	9	-3.20	0.	0.	9	-6.40	0.0017	0.0032
10	-6.20	0.0016	0.0020	10	-3.10	0.	0.	10	-6.20	0.0025	0.0057
11	-6.00	0.0016	0.0036	11	-3.00	0.	0.	11	-6.00	0.0044	0.0101
12	-5.80	0.0032	0.0068	12	-2.90	0.	0.	12	-5.80	0.0060	0.0161
13	-5.60	0.0053	0.0121	13	-2.80	0.	0.	13	-5.60	0.0063	0.0224
14	-5.40	0.0077	0.0198	14	-2.70	0.	0.	14	-5.40	0.0080	0.0304
15	-5.20	0.0079	0.0278	15	-2.60	0.	0.	15	-5.20	0.0101	0.0404
16	-5.00	0.0096	0.0373	16	-2.50	0.	0.	16	-5.00	0.0126	0.0530
17	-4.80	0.0123	0.0496	17	-2.40	0.	0.	17	-4.80	0.0159	0.0689
18	-4.60	0.0161	0.0657	18	-2.30	0.	0.	18	-4.60	0.0184	0.0873
19	-4.40	0.0197	0.0855	19	-2.20	0.	0.	19	-4.40	0.0202	0.1075
20	-4.20	0.0208	0.1063	20	-2.10	0.0001	0.0001	20	-4.20	0 0201	0.1276
21	-4.00	0.0214	0.1277	21	-2.00	0.0003	0.0004	21	-4.00	0.0251	0.1527
22	-3.80	0.0254	0.1531	22	-1.90	0.0008	0.0012	22	-3.80	0.0213	0.1740
23	-3.60	0.0247	0.1778	23	-1.80	0.0014	0.0026	23	-3.60	0.0206	0.1946
24	-3.40	0.0257	0.2035	24	-1.70	0.0007	0.0034	24	-3.40	0.0235	0.2181
25	-3.20	0.0243	0.2278	25	-1.60	0.0017	0.0050	25	-3.20	0.0233	0.2414
26	-3.00	0.0246	0.2524	26	-1.50	0.0025	0.0075	26	-3.00	0.0216	0.2629
27	-2.80	0.0219	0.2743	27	-1.40	0.0030	0.0105	27	-2.80	0.0207	0.2836
28	-2.60	0.0236	0.2979	28	-1.30	0.0052	0.0157	28	-2.60	0.0197	0.3033
29	-2.40	0.0192	0.3171	29	-1.20	0.0078	0.0235	29	-2.40	0.0207	0.3240
30	-2.20	0.0176	0.3347	30	-1.10	0.0103	0.0338	30	-2.20	0.0161	0.3401
31	-2.00	0.0163	0.3510	31	-1.00	0.0183	0.0520	31	-2.00	0.0194	0.3594
32	-1.80	0.0172	0.3682	32	-0.90	0.0258	0.0778	32	-1.80	0.0171	0.3766
33	-1.60	0.0179	0.3861	33	-0.80	0.0252	0.1030	33	-1.60	0.0172	0.3938
34	-1.40	0.0157	0.4018	34	-0.70	0.0390	0.1420	34	-1.40	0.0175	0.4112
35	-1.20	0.0140	0.4158	35	-0.60	0.0490	0.1910	35	-1.20	0.0148	0.4261
36	-1.00	0.0159	0.4317	36	-0.50	0.0592	0.2502	36	-1.00	0.0171	0.4432
37	-0.80	0.0142	0.4458	37	-0.40	0.0730	0.3232	37	-0.80	0.0158	0.4590
38	-0.60	0.0159	0.4617	38	-0.30	0.0847	0.4079	38	-0.60	0.0134	0.4724
39	-0.40	0.0153	0.4770	39	-0.20	0.0851	0.4929	39	-0.40	0.0146	0.4870
40	-0.20	0.0133	0.4903	40	-0.10	0.0726	0.5715	40	-0.20	0.0149	0.5019
41	0.	0.0164	0.5067	41	0.	0.0753	0.6468	41	0.	0.0122	0.5141
42	0.20	0.0154	0.5221	42	0.10	0.0731	0.7199	42	0.20	0.0155	0.5296
43	0.40	0.0133	0.5354	43	0.20	0.0630	0.7829	43	0.40	0.0168	0.5464
44	0.60	0.0158	0.5512	44	0.30	0.0584	0.8413	44	0.60	0.0142	0.5605
45	0.80	0.0160	0.5671	45	0.40	0.0460	0.8873	45	0.80	0.0160	0.5765
46	1.00	0.0151	0.5823	46	0.50	0.0310	0.9182	46	1.00	0.0175	0.5940
47	1.20	0.0150	0.5973	47	0.60	0.0244	0.9426	47	1.20	0.0158	0.6098
48	1.40	0.0177	0.6149	48	0.70	0.0175	0.9601	48	1.40	0.0173	0.6271
49	1.60	0.0160	0.6310	49	0.80	0.0107	0.9708	49	1.60	0.0178	0.6449
50	1.80	0.0169	0.6478	50	0.90	0.0079	0.9787	50	1.80	0.0164	0.6612
51	2.00	0.0192	0.6670	51	1.00	0.0050	0.9837	51	2.00	0.0188	0.6800
52	2.20	0.0212	0.6882	52	1.10	0.0044	0.9881	52	2.20	0.0185	0.6985
53	2.40	0.0197	0.7079	53	1.20	0.0031	0.9912	53	2.40	0.0208	0.7194
54	2.60	0.0193	0.7272	54	1.30	0.0019	0.9931	54	2.60	0.0236	0.7429
55	2.80	0.0228	0.7500	55	1.40	0.0017	0.9948	55	2.80	0.0238	0.7667
56	3.00	0.0256	0.7756	56	1.50	0.0009	0.9957	56	3.00	0.0241	0.7908
57	3.20	0.0217	0.7973	57	1.60	0.0016	0.9973	57	3.20	0.0242	0.8151
58	3.40	0.0259	0.8232	58	1.70	0.0007	0.9980	58	3.40	0.0232	0.8383
59	3.60	0.0263	0.8495	59	1.80	0.0005	0.9985	59	3.60	0.0226	0.8609
60	3.80	0.0216	0.8711	60	1.90	0.0003	0.9988	60	3.80	0.0236	0.8845
61	4.00	0.0221	0.8932	61	2.00	0.0004	0.9992	61	4.00	0.0188	0.9032
62	4.20	0.0197	0.9129	62	2.10	0.0003	0.9995	62	4.20	0.0174	0.9206
63	4.40	0.0179	0.9308	63	2.20	0.0002	0.9997	63	4.40	0.0152	0.9359
64	4.60	0.0164	0.9472	64	2.30	0.0003	1.0000	64	4.60	0.0152	0.9511
65	4.80	0.0147	0.9619	65	2.40	0.	1.0000	65	4.80	0.0119	0.9629
66	5.00	0.0103	0.9722	66	2.50	0.	1.0000	66	5.00	0.0104	0.9733
67	5.20	0.0084	0.9806	67	2.60	0.	1.0000	67	5.20	0.0091	0.9825
68	5.40	0.0070	0.9876	68	2.70	0.	1.0000	68	5.40	0.0050	0.9875
69	5.60	0.0057	0.9933	69	2.80	0.	1.0000	69	5.60	0.0046	0.9921
70	5.80	0.0030	0.9963	70	2.90	0.	1.0000	70	5.80	0.0028	0.9949
71	6.00	0.0024	0.9987	71	3.00	0.	1.0000	71	6.00	0.0020	0.9969
72	6.20	0.0007	0.9994	72	3.10	0.	1.0000	72	6.20	0.0010	0.9979
73	6.40	0.0006	1.0000	73	3.20	0.	1.0000	73	6.40	0.0008	0.9987
74	6.60	0.	1.0000	74	3.30	0.	1.0000	74	6.60	0.0007	0.9994
75	6.80	0.	1.0000	75	3.40	0.	1.0000	75	6.80	0.0004	0.9998
76	7.00	0.	1.0000	76	3.50	0.	1.0000	76	7.00	0.0002	1.0000
77	7.20	0.	1.0000	77	3.60	0.	1.0000	77	7.20	0.	1.0000
78	7.40	0.	1.0000	78	3.70	0.	1.0000	78	7.40	0.	1.0000
79	7.60	0.	1.0000	79	3.80	0.	1.0000	79	7.60	0.	1.0000
80	7.80	0.	1.0000	80	3.90	0.	1.0000	80	7.80	0.	1.0000
81	8.00	0.	1.0000	81	4.00	0.	1.0000	81	8.00	0.	1.0000

I - INTERVAL NUMBER X - INTERVAL CENTER VALUE

P(X) - PROBABILITY MASS FUNCTION F(X) - CUMULATIVE DISTRIBUTION FUNCTION

SEAVEY ISLAND ME.

STATISTICS FOR APRIL

ASTRONOMICAL TIDE				STORM SURGE				TOTAL WATER LEVEL			
MEAN 0.00		STND DEV 3.16		MEAN 0.06		STND DEV 0.41		MEAN 0.06		STND DEV 3.19	
I	X	P(X)	F(X)	I	X	P(X)	F(X)	I	X	P(X)	F(X)
1	-8.00	0.	0.	1	-4.00	0.	0.	1	-8.00	0.	0.
2	-7.80	0.	0.	2	-3.90	0.	0.	2	-7.80	0.0001	0.0001
3	-7.60	0.	0.	3	-3.80	0.	0.	3	-7.60	0.	0.0001
4	-7.40	0.	0.	4	-3.70	0.	0.	4	-7.40	0.0001	0.0002
5	-7.20	0.	0.	5	-3.60	0.	0.	5	-7.20	0.0004	0.0005
6	-7.00	0.	0.	6	-3.50	0.	0.	6	-7.00	0.0001	0.0006
7	-6.80	0.	0.	7	-3.40	0.	0.	7	-6.80	0.0005	0.0011
8	-6.60	0.0004	0.0004	8	-3.30	0.	0.	8	-6.60	0.0009	0.0020
9	-6.40	0.0010	0.0013	9	-3.20	0.	0.	9	-6.40	0.0010	0.0030
10	-6.20	0.0013	0.0026	10	-3.10	0.	0.	10	-6.20	0.0021	0.0051
11	-6.00	0.0026	0.0053	11	-3.00	0.	0.	11	-6.00	0.0027	0.0077
12	-5.80	0.0033	0.0086	12	-2.90	0.	0.	12	-5.80	0.0040	0.0117
13	-5.60	0.0055	0.0140	13	-2.80	0.	0.	13	-5.60	0.0050	0.0167
14	-5.40	0.0073	0.0214	14	-2.70	0.	0.	14	-5.40	0.0064	0.0231
15	-5.20	0.0070	0.0284	15	-2.60	0.	0.	15	-5.20	0.0083	0.0314
16	-5.00	0.0102	0.0385	16	-2.50	0.	0.	16	-5.00	0.0089	0.0403
17	-4.80	0.0120	0.0505	17	-2.40	0.	0.	17	-4.80	0.0110	0.0514
18	-4.60	0.0143	0.0648	18	-2.30	0.	0.	18	-4.60	0.0157	0.0671
19	-4.40	0.0184	0.0832	19	-2.20	0.	0.	19	-4.40	0.0165	0.0836
20	-4.20	0.0206	0.1038	20	-2.10	0.	0.	20	-4.20	0.0186	0.1022
21	-4.00	0.0225	0.1263	21	-2.00	0.	0.	21	-4.00	0.0222	0.1244
22	-3.80	0.0243	0.1507	22	-1.90	0.	0.	22	-3.80	0.0218	0.1462
23	-3.60	0.0268	0.1775	23	-1.80	0.	0.	23	-3.60	0.0247	0.1709
24	-3.40	0.0248	0.2023	24	-1.70	0.	0.	24	-3.40	0.0228	0.1938
25	-3.20	0.0249	0.2271	25	-1.60	0.0001	0.0001	25	-3.20	0.0228	0.2165
26	-3.00	0.0238	0.2509	26	-1.50	0.	0.0001	26	-3.00	0.0240	0.2405
27	-2.80	0.0211	0.2720	27	-1.40	0.0002	0.0003	27	-2.80	0.0204	0.2609
28	-2.60	0.0217	0.2937	28	-1.30	0.0004	0.0007	28	-2.60	0.0194	0.2803
29	-2.40	0.0201	0.3138	29	-1.20	0.0013	0.0021	29	-2.40	0.0214	0.3017
30	-2.20	0.0176	0.3314	30	-1.10	0.0016	0.0037	30	-2.20	0.0217	0.3234
31	-2.00	0.0196	0.3510	31	-1.00	0.0032	0.0069	31	-2.00	0.0189	0.3422
32	-1.80	0.0172	0.3682	32	-0.90	0.0049	0.0117	32	-1.80	0.0194	0.3616
33	-1.60	0.0170	0.3852	33	-0.80	0.0071	0.0188	33	-1.60	0.0149	0.3766
34	-1.40	0.0134	0.3986	34	-0.70	0.0124	0.0312	34	-1.40	0.0160	0.3925
35	-1.20	0.0145	0.4131	35	-0.60	0.0212	0.0524	35	-1.20	0.0162	0.4087
36	-1.00	0.0136	0.4267	36	-0.50	0.0387	0.0911	36	-1.00	0.0168	0.4255
37	-0.80	0.0178	0.4445	37	-0.40	0.0569	0.1480	37	-0.80	0.0149	0.4404
38	-0.60	0.0135	0.4599	38	-0.30	0.0721	0.2202	38	-0.60	0.0152	0.4556
39	-0.40	0.0165	0.4764	39	-0.20	0.0862	0.3064	39	-0.40	0.0169	0.4725
40	-0.20	0.0154	0.4918	40	-0.10	0.0948	0.4012	40	-0.20	0.0148	0.4873
41	0.	0.0150	0.5068	41	0.	0.0998	0.5010	41	0.	0.0161	0.5034
42	0.20	0.0140	0.5208	42	0.10	0.1043	0.6053	42	0.20	0.0143	0.5177
43	0.40	0.0130	0.5338	43	0.20	0.0890	0.6943	43	0.40	0.0149	0.5325
44	0.60	0.0129	0.5466	44	0.30	0.0869	0.7812	44	0.60	0.0147	0.5473
45	0.80	0.0139	0.5645	45	0.40	0.0650	0.8462	45	0.80	0.0128	0.5601
46	1.00	0.0161	0.5806	46	0.50	0.0509	0.8971	46	1.00	0.0159	0.5760
47	1.20	0.0167	0.5972	47	0.60	0.0362	0.9332	47	1.20	0.0156	0.5916
48	1.40	0.0150	0.6122	48	0.70	0.0246	0.9578	48	1.40	0.0146	0.6062
49	1.60	0.0170	0.6292	49	0.80	0.0136	0.9714	49	1.60	0.0183	0.6244
50	1.80	0.0177	0.6469	50	0.90	0.0077	0.9792	50	1.80	0.0165	0.6409
51	2.00	0.0188	0.6657	51	1.00	0.0059	0.9851	51	2.00	0.0191	0.6600
52	2.20	0.0179	0.6836	52	1.10	0.0036	0.9887	52	2.20	0.0185	0.6785
53	2.40	0.0199	0.7035	53	1.20	0.0033	0.9920	53	2.40	0.0182	0.6966
54	2.60	0.0217	0.7252	54	1.30	0.0024	0.9944	54	2.60	0.0216	0.7183
55	2.80	0.0233	0.7485	55	1.40	0.0010	0.9954	55	2.80	0.0254	0.7437
56	3.00	0.0238	0.7724	56	1.50	0.0015	0.9969	56	3.00	0.0236	0.7672
57	3.20	0.0260	0.7983	57	1.60	0.0012	0.9981	57	3.20	0.0247	0.7920
58	3.40	0.0253	0.8236	58	1.70	0.0010	0.9990	58	3.40	0.0266	0.8186
59	3.60	0.0259	0.8495	59	1.80	0.0004	0.9994	59	3.60	0.0257	0.8443
60	3.80	0.0261	0.8756	60	1.90	0.0004	0.9998	60	3.80	0.0240	0.8683
61	4.00	0.0232	0.8988	61	2.00	0.0002	0.9999	61	4.00	0.0231	0.8914
62	4.20	0.0203	0.9190	62	2.10	0.0001	1.0000	62	4.20	0.0202	0.9116
63	4.40	0.0211	0.9401	63	2.20	0.	1.0000	63	4.40	0.0169	0.9285
64	4.60	0.0142	0.9542	64	2.30	0.	1.0000	64	4.60	0.0158	0.9443
65	4.80	0.0107	0.9649	65	2.40	0.	1.0000	65	4.80	0.0152	0.9594
66	5.00	0.0094	0.9743	66	2.50	0.	1.0000	66	5.00	0.0111	0.9706
67	5.20	0.0079	0.9822	67	2.60	0.	1.0000	67	5.20	0.0076	0.9781
68	5.40	0.0057	0.9879	68	2.70	0.	1.0000	68	5.40	0.0063	0.9845
69	5.60	0.0050	0.9929	69	2.80	0.	1.0000	69	5.60	0.0049	0.9893
70	5.80	0.0023	0.9953	70	2.90	0.	1.0000	70	5.80	0.0029	0.9922
71	6.00	0.0023	0.9975	71	3.00	0.	1.0000	71	6.00	0.0025	0.9947
72	6.20	0.0015	0.9990	72	3.10	0.	1.0000	72	6.20	0.0019	0.9966
73	6.40	0.0010	1.0000	73	3.20	0.	1.0000	73	6.40	0.0010	0.9976
74	6.60	0.	1.0000	74	3.30	0.	1.0000	74	6.60	0.0012	0.9988
75	6.80	0.	1.0000	75	3.40	0.	1.0000	75	6.80	0.0006	0.9993
76	7.00	0.	1.0000	76	3.50	0.	1.0000	76	7.00	0.0003	0.9996
77	7.20	0.	1.0000	77	3.60	0.	1.0000	77	7.20	0.0002	0.9998
78	7.40	0.	1.0000	78	3.70	0.	1.0000	78	7.40	0.0001	0.9998
79	7.60	0.	1.0000	79	3.80	0.	1.0000	79	7.60	0.0001	0.9999
80	7.80	0.	1.0000	80	3.90	0.	1.0000	80	7.80	0.0001	1.0000
81	8.00	0.	1.0000	81	4.00	0.	1.0000	81	8.00	0.	1.0000

I - INTERVAL NUMBER X - INTERVAL CENTER VALUE

P(X) - PROBABILITY MASS FUNCTION F(X) - CUMULATIVE DISTRIBUTION FUNCTION

SEAVEY ISLAND ME.

STATISTICS FOR MAY

ASTRONOMICAL TIDE				STORM SURGE				TOTAL WATER LEVEL			
MEAN 0.00		STND DEV 3.16		MEAN 0.10		STND DEV 0.33		MEAN 0.10		STND DEV 3.16	
I	X	P(X)	F(X)	I	X	P(X)	F(X)	I	X	P(X)	F(X)
1	-8.00	0.	0.	1	-4.00	0.	0.	1	-8.00	0.	0.
2	-7.80	0.	0.	2	-3.90	0.	0.	2	-7.80	0.	0.
3	-7.60	0.	0.	3	-3.80	0.	0.	3	-7.60	0.	0.
4	-7.40	0.	0.	4	-3.70	0.	0.	4	-7.40	0.	0.
5	-7.20	0.	0.	5	-3.60	0.	0.	5	-7.20	0.	0.
6	-7.00	0.	0.	6	-3.50	0.	0.	6	-7.00	0.0002	0.0002
7	-6.80	0.	0.	7	-3.40	0.	0.	7	-6.80	0.0002	0.0003
8	-6.60	0.0004	0.0004	8	-3.30	0.	0.	8	-6.60	0.0005	0.0009
9	-6.40	0.0011	0.0015	9	-3.20	0.	0.	9	-6.40	0.0010	0.0019
10	-6.20	0.0019	0.0034	10	-3.10	0.	0.	10	-6.20	0.0014	0.0033
11	-6.00	0.0029	0.0063	11	-3.00	0.	0.	11	-6.00	0.0022	0.0055
12	-5.80	0.0034	0.0097	12	-2.90	0.	0.	12	-5.80	0.0032	0.0087
13	-5.60	0.0036	0.0133	13	-2.80	0.	0.	13	-5.60	0.0045	0.0132
14	-5.40	0.0052	0.0185	14	-2.70	0.	0.	14	-5.40	0.0065	0.0197
15	-5.20	0.0082	0.0267	15	-2.60	0.	0.	15	-5.20	0.0058	0.0255
16	-5.00	0.0097	0.0363	16	-2.50	0.	0.	16	-5.00	0.0086	0.0341
17	-4.80	0.0128	0.0492	17	-2.40	0.	0.	17	-4.80	0.0127	0.0468
18	-4.60	0.0156	0.0649	18	-2.30	0.	0.	18	-4.60	0.0135	0.0603
19	-4.40	0.0164	0.0812	19	-2.20	0.	0.	19	-4.40	0.0166	0.0770
20	-4.20	0.0212	0.1024	20	-2.10	0.	0.	20	-4.20	0.0208	0.0978
21	-4.00	0.0238	0.1262	21	-2.00	0.	0.	21	-4.00	0.0198	0.1176
22	-3.80	0.0249	0.1510	22	-1.90	0.	0.	22	-3.80	0.0213	0.1389
23	-3.60	0.0250	0.1760	23	-1.80	0.	0.	23	-3.60	0.0246	0.1635
24	-3.40	0.0255	0.2015	24	-1.70	0.	0.	24	-3.40	0.0231	0.1865
25	-3.20	0.0243	0.2258	25	-1.60	0.	0.	25	-3.20	0.0241	0.2106
26	-3.00	0.0239	0.2498	26	-1.50	0.	0.	26	-3.00	0.0254	0.2361
27	-2.80	0.0223	0.2720	27	-1.40	0.	0.	27	-2.80	0.0221	0.2582
28	-2.60	0.0223	0.2943	28	-1.30	0.	0.	28	-2.60	0.0200	0.2781
29	-2.40	0.0205	0.3148	29	-1.20	0.	0.	29	-2.40	0.0229	0.3011
30	-2.20	0.0171	0.3319	30	-1.10	0.	0.	30	-2.20	0.0186	0.3196
31	-2.00	0.0184	0.3503	31	-1.00	0.0002	0.0002	31	-2.00	0.0187	0.3383
32	-1.80	0.0169	0.3672	32	-0.90	0.0007	0.0009	32	-1.80	0.0172	0.3555
33	-1.60	0.0167	0.3839	33	-0.80	0.0011	0.0019	33	-1.60	0.0174	0.3729
34	-1.40	0.0171	0.4010	34	-0.70	0.0047	0.0067	34	-1.40	0.0163	0.3892
35	-1.20	0.0150	0.4160	35	-0.60	0.0097	0.0164	35	-1.20	0.0174	0.4066
36	-1.00	0.0148	0.4308	36	-0.50	0.0267	0.0431	36	-1.00	0.0162	0.4228
37	-0.80	0.0157	0.4465	37	-0.40	0.0448	0.0879	37	-0.80	0.0156	0.4384
38	-0.60	0.0138	0.4603	38	-0.30	0.0621	0.1500	38	-0.60	0.0134	0.4518
39	-0.40	0.0142	0.4745	39	-0.20	0.0800	0.2301	39	-0.40	0.0156	0.4674
40	-0.20	0.0145	0.4889	40	-0.10	0.1031	0.3332	40	-0.20	0.0161	0.4835
41	0.	0.0158	0.5047	41	0.	0.1143	0.4474	41	0.	0.0164	0.4999
42	0.20	0.0161	0.5208	42	0.10	0.1111	0.5585	42	0.20	0.0146	0.5145
43	0.40	0.0146	0.5354	43	0.20	0.1115	0.6700	43	0.40	0.0147	0.5292
44	0.60	0.0161	0.5516	44	0.30	0.1070	0.7770	44	0.60	0.0150	0.5443
45	0.80	0.0155	0.5670	45	0.40	0.0834	0.8604	45	0.80	0.0140	0.5582
46	1.00	0.0143	0.5813	46	0.50	0.0598	0.9202	46	1.00	0.0156	0.5739
47	1.20	0.0149	0.5962	47	0.60	0.0393	0.9595	47	1.20	0.0148	0.5887
48	1.40	0.0162	0.6124	48	0.70	0.0189	0.9784	48	1.40	0.0172	0.6058
49	1.60	0.0154	0.6278	49	0.80	0.0112	0.9896	49	1.60	0.0142	0.6200
50	1.80	0.0189	0.6467	50	0.90	0.0058	0.9954	50	1.80	0.0159	0.6359
51	2.00	0.0168	0.6635	51	1.00	0.0022	0.9976	51	2.00	0.0178	0.6537
52	2.20	0.0204	0.6839	52	1.10	0.0011	0.9986	52	2.20	0.0192	0.6729
53	2.40	0.0198	0.7037	53	1.20	0.0009	0.9995	53	2.40	0.0201	0.6930
54	2.60	0.0204	0.7241	54	1.30	0.	0.9995	54	2.60	0.0224	0.7154
55	2.80	0.0228	0.7469	55	1.40	0.0003	0.9998	55	2.80	0.0235	0.7389
56	3.00	0.0265	0.7734	56	1.50	0.0001	0.9998	56	3.00	0.0247	0.7636
57	3.20	0.0295	0.8028	57	1.60	0.0002	1.0000	57	3.20	0.0282	0.7918
58	3.40	0.0263	0.8291	58	1.70	0.	1.0000	58	3.40	0.0253	0.8171
59	3.60	0.0253	0.8544	59	1.80	0.	1.0000	59	3.60	0.0264	0.8435
60	3.80	0.0249	0.8793	60	1.90	0.	1.0000	60	3.80	0.0241	0.8676
61	4.00	0.0255	0.9047	61	2.00	0.	1.0000	61	4.00	0.0239	0.8915
62	4.20	0.0188	0.9236	62	2.10	0.	1.0000	62	4.20	0.0199	0.9113
63	4.40	0.0181	0.9416	63	2.20	0.	1.0000	63	4.40	0.0210	0.9323
64	4.60	0.0153	0.9569	64	2.30	0.	1.0000	64	4.60	0.0147	0.9470
65	4.80	0.0102	0.9671	65	2.40	0.	1.0000	65	4.80	0.0145	0.9615
66	5.00	0.0089	0.9760	66	2.50	0.	1.0000	66	5.00	0.0096	0.9712
67	5.20	0.0054	0.9814	67	2.60	0.	1.0000	67	5.20	0.0074	0.9785
68	5.40	0.0054	0.9867	68	2.70	0.	1.0000	68	5.40	0.0061	0.9846
69	5.60	0.0036	0.9903	69	2.80	0.	1.0000	69	5.60	0.0036	0.9883
70	5.80	0.0027	0.9930	70	2.90	0.	1.0000	70	5.80	0.0038	0.9921
71	6.00	0.0029	0.9959	71	3.00	0.	1.0000	71	6.00	0.0029	0.9949
72	6.20	0.0020	0.9979	72	3.10	0.	1.0000	72	6.20	0.0019	0.9968
73	6.40	0.0018	0.9997	73	3.20	0.	1.0000	73	6.40	0.0013	0.9981
74	6.60	0.0003	1.0000	74	3.30	0.	1.0000	74	6.60	0.0012	0.9992
75	6.80	0.	1.0000	75	3.40	0.	1.0000	75	6.80	0.0005	0.9998
76	7.00	0.	1.0000	76	3.50	0.	1.0000	76	7.00	0.0003	1.0000
77	7.20	0.	1.0000	77	3.60	0.	1.0000	77	7.20	0.	1.0000
78	7.40	0.	1.0000	78	3.70	0.	1.0000	78	7.40	0.	1.0000
79	7.60	0.	1.0000	79	3.80	0.	1.0000	79	7.60	0.	1.0000
80	7.80	0.	1.0000	80	3.90	0.	1.0000	80	7.80	0.	1.0000
81	8.00	0.	1.0000	81	4.00	0.	1.0000	81	8.00	0.	1.0000

I - INTEPVAL NUMBER X - INTEPVAL CENTER VALUE

P(X) - PROBABILITY MASS FUNCTION F(X) - CUMULATIVE DISTRIBUTION FUNCTION

SEAVEY ISLAND ME.

STATISTICS FOR JUNE

ASTRONOMICAL TIDE				STORM SURGE				TOTAL WATER LEVEL			
MEAN-0.00		STND DEV 3.16		MEAN 0.08		STND DEV 0.25		MEAN 0.08		STND DEV 3.17	
I	X	P(X)	F(X)	I	X	P(X)	F(X)	I	X	P(X)	F(X)
1	-8.00	0.	0.	1	-4.00	0.	0.	1	-8.00	0.	0.
2	-7.80	0.	0.	2	-3.90	0.	0.	2	-7.80	0.	0.
3	-7.60	0.	0.	3	-3.80	0.	0.	3	-7.60	0.	0.
4	-7.40	0.	0.	4	-3.70	0.	0.	4	-7.40	0.	0.
5	-7.20	0.	0.	5	-3.60	0.	0.	5	-7.20	0.	0.
6	-7.00	0.	0.	6	-3.50	0.	0.	6	-7.00	0.	0.
7	-6.80	0.	0.	7	-3.40	0.	0.	7	-6.80	0.	0.
8	-6.60	0.0002	0.0002	8	-3.30	0.	0.	8	-6.60	0.0001	0.0001
9	-6.40	0.0007	0.0008	9	-3.20	0.	0.	9	-6.40	0.0005	0.0006
10	-6.20	0.0023	0.0031	10	-3.10	0.	0.	10	-6.20	0.0017	0.0023
11	-6.00	0.0020	0 0051	11	-3.00	0.	0.	11	-6.00	0.0025	0.0048
12	-5.80	0.0034	0.0085	12	-2.90	0.	0.	12	-5.80	0.0028	0.0076
13	-5.60	0.0040	0.0125	13	-2.80	0.	0.	13	-5.60	0.0040	0.0116
14	-5.40	0.0054	0.0179	14	-2.70	0.	0.	14	-5.40	0.0043	0.0159
15	-5.20	0.0067	0.0246	15	-2.60	0.	0.	15	-5.20	0.0071	0.0230
16	-5.00	0.0102	0.0347	16	-2.50	0.	0.	16	-5.00	0.0091	0.0322
17	-4.80	0.0118	0.0466	17	-2.40	0.	0.	17	-4.80	0.0123	0.0445
18	-4.60	0.0155	0.0621	18	-2.30	0.	0.	18	-4.60	0.0157	0.0601
19	-4.40	0.0222	0.0843	19	-2.20	0.	0.	19	-4.40	0.0184	0.0786
20	-4.20	0.0215	0.1058	20	-2.10	0.	0.	20	-4.20	0.0204	0.0989
21	-4.00	0.0219	0.1277	21	-2.00	0.	0.	21	-4.00	0.0210	0.1199
22	-3.80	0.0228	0.1505	22	-1.90	0.	0.	22	-3.80	0.0244	0.1443
23	-3.60	0.0238	0.1743	23	-1.80	0.	0.	23	-3.60	0.0237	0.1680
24	-3.40	0.0258	0.2002	24	-1.70	0.	0.	24	-3.40	0.0241	0.1921
25	-3.20	0.0288	0.2290	25	-1.60	0.	0.	25	-3.20	0.0255	0.2175
26	-3.00	0.0254	0.2544	26	-1.50	0.	0.	26	-3.00	0.0251	0.2426
27	-2.80	0.0240	0.2784	27	-1.40	0.	0.	27	-2.80	0.0212	0.2638
28	-2.60	0.0195	0.2980	28	-1.30	0.	0.	28	-2.60	0.0214	0.2852
29	-2.40	0.0205	0.3184	29	-1.20	0.	0.	29	-2.40	0.0224	0.3076
30	-2.20	0.0180	0.3364	30	-1.10	0.	0.	30	-2.20	0.0171	0.3247
31	-2.00	0.0156	0.3521	31	-1.00	0.	0.	31	-2.00	0.0171	0.3417
32	-1.80	0.0162	0.3683	32	-0.90	0.	0.	32	-1.80	0.0166	0.3583
33	-1.60	0.0164	0.3847	33	-0.80	0.0002	0.0002	33	-1.60	0.0153	0.3736
34	-1.40	0.0159	0.4005	34	-0.70	0.0007	0.0010	34	-1.40	0.0161	0.3896
35	-1.20	0.0151	0.4156	35	-0.60	0.0022	0.0032	35	-1.20	0.0182	0.4078
36	-1.00	0.0151	0.4307	36	-0.50	0.0094	0.0126	36	-1.00	0.0159	0.4237
37	-0.80	0.0165	0.4472	37	-0.40	0.0290	0.0416	37	-0.80	0.0197	0.4434
38	-0.60	0.0153	0.4625	38	-0.30	0.0544	0.0960	38	-0.60	0.0142	0.4576
39	-0.40	0.0140	0.4765	39	-0.20	0.0816	0.1776	39	-0.40	0.0134	0.4710
40	-0.20	0.0144	0.4909	40	-0.10	0.1200	0.2976	40	-0.20	0.0148	0.4858
41	0.	0.0160	0.5069	41	0.	0.1461	0.4438	41	0.	0.0136	0.4993
42	0.20	0.0132	0.5201	42	0.10	0.1606	0.6043	42	0.20	0.0147	0.5140
43	0.40	0.0156	0.5357	43	0.20	0.1414	0.7457	43	0.40	0.0139	0.5279
44	0.60	0.0148	0.5504	44	0.30	0.1112	0.8570	44	0.60	0.0173	0.5452
45	0.80	0.0141	0.5646	45	0.40	0.0702	0.9272	45	0.80	0.0138	0.5590
46	1.00	0.0167	0.5812	46	0.50	0.0392	0.9664	46	1.00	0.0148	0.5738
47	1.20	0.0150	0.5962	47	0.60	0.0200	0.9864	47	1.20	0.0161	0.5898
48	1.40	0.0158	0.6120	48	0.70	0.0085	0.9949	48	1.40	0.0138	0.6037
49	1.60	0.0186	0.6306	49	0.80	0.0024	0.9973	49	1.60	0.0158	0.6194
50	1.80	0.0157	0.6463	50	0.90	0.0015	0.9988	50	1.80	0.0184	0.6378
51	2.00	0.0181	0.6644	51	1.00	0.0009	0.9996	51	2.00	0.0180	0.6558
52	2.20	0.0199	0.6843	52	1.10	0.0002	0.9998	52	2.20	0.0186	0.6744
53	2.40	0.0174	0.7017	53	1.20	0.	0.9998	53	2.40	0.0196	0.6940
54	2.60	0.0211	0.7228	54	1.30	0.0001	0.9999	54	2.60	0.0226	0.7166
55	2.80	0.0225	0.7453	55	1.40	0.0001	1.0000	55	2.80	0.0211	0.7376
56	3.00	0.0263	0.7716	56	1.50	0.	1.0000	56	3.00	0.0238	0.7614
57	3.20	0.0284	0.8001	57	1.60	0.	1.0000	57	3.20	0.0283	0.7898
58	3.40	0.0303	0.8304	58	1.70	0.	1.0000	58	3.40	0.0269	0.8167
59	3.60	0.0259	0.8563	59	1.80	0.	1.0000	59	3.60	0.0258	0.8425
60	3.80	0.0233	0.8796	60	1.90	0.	1.0000	60	3.80	0.0251	0.8676
61	4.00	0.0224	0.9020	61	2.00	0.	1.0000	61	4.00	0.0241	0.8917
62	4.20	0.0203	0.9222	62	2.10	0.	1.0000	62	4.20	0.0216	0.9134
63	4.40	0.0190	0.9412	63	2.20	0.	1.0000	63	4.40	0.0201	0.9334
64	4.60	0.0138	0.9550	64	2.30	0.	1.0000	64	4.60	0.0160	0.9494
65	4.80	0.0109	0.9659	65	2.40	0.	1.0000	65	4.80	0.0126	0.9620
66	5.00	0.0088	0.9747	66	2.50	0.	1.0000	66	5.00	0.0089	0.9709
67	5.20	0.0072	0.9819	67	2.60	0.	1.0000	67	5.20	0.0077	0.9787
68	5.40	0.0046	0.9865	68	2.70	0.	1.0000	68	5.40	0.0060	0.9846
69	5.60	0.0037	0.9901	69	2.80	0.	1.0000	69	5.60	0.0049	0.9896
70	5.80	0.0033	0.9934	70	2.90	0.	1.0000	70	5.80	0.0033	0.9930
71	6.00	0.0028	0.9962	71	3.00	0.	1.0000	71	6.00	0.0025	0.9955
72	6.20	0.0022	0.9984	72	3.10	0.	1.0000	72	6.20	0.0027	0.9982
73	6.40	0.0011	0.9995	73	3.20	0.	1.0000	73	6.40	0.0010	0.9992
74	6.60	0.0005	1.0000	74	3.30	0.	1.0000	74	6.60	0.0006	0.9998
75	6.80	0.	1.0000	75	3.40	0.	1.0000	75	6.80	0.0002	1.0000
76	7.00	0.	1.0000	76	3.50	0.	1.0000	76	7.00	0.	1.0000
77	7.20	0.	1.0000	77	3.60	0.	1.0000	77	7.20	0.	1.0000
78	7.40	0.	1.0000	78	3.70	0.	1.0000	78	7.40	0.	1.0000
79	7.60	0.	1.0000	79	3.80	0.	1.0000	79	7.60	0.	1.0000
80	7.80	0.	1.0000	80	3.90	0.	1.0000	80	7.80	0.	1.0000
81	8.00	0.	1.0000	81	4.00	0.	1.0000	81	8.00	0.	1.0000

I - INTERVAL NUMBER X - INTERVAL CENTER VALUE

P(X) - PROBABILITY MASS FUNCTION F(X) - CUMULATIVE DISTRIBUTION FUNCTION

SEAVEY ISLAND ME.

STATISTICS FOR JULY

ASTRONOMICAL TIDE				STORM SURGE				TOTAL WATER LEVEL			
MEAN 0.00		STND DEV 3.16		MEAN 0.02		STND DEV 0.21		MEAN 0.02		STND DEV 3.17	
I	X	P(X)	F(X)	I	X	P(X)	F(X)	I	X	P(X)	F(X)
1	-8.00	0.	0.	1	-4.00	0.	0.	1	-8.00	0.	0.
2	-7.80	0.	0.	2	-3.90	0.	0.	2	-7.80	0.	0.
3	-7.60	0.	0.	3	-3.80	0.	0.	3	-7.60	0.	0.
4	-7.40	0.	0.	4	-3.70	0.	0.	4	-7.40	0.	0.
5	-7.20	0.	0.	5	-3.60	0.	0.	5	-7.20	0.	0.
6	-7.00	0.	0.	6	-3.50	0.	0.	6	-7.00	0.	0.
7	-6.80	0.	0.	7	-3.40	0.	0.	7	-6.80	0.0001	0.0001
8	-6.60	0.0001	0.0001	8	-3.30	0.	0.	8	-6.60	0.0001	0.0002
9	-6.40	0.0006	0.0008	9	-3.20	0.	0.	9	-6.40	0.0004	0.0006
10	-6.20	0.0012	0.0020	10	-3.10	0.	0.	10	-6.20	0.0007	0.0013
11	-6.00	0.0021	0.0041	11	-3.00	0.	0.	11	-6.00	0.0023	0.0036
12	-5.80	0.0031	0.0072	12	-2.90	0.	0.	12	-5.80	0.0037	0.0073
13	-5.60	0.0040	0.0112	13	-2.80	0.	0.	13	-5.60	0.0036	0.0109
14	-5.40	0.0059	0.0171	14	-2.70	0.	0.	14	-5.40	0.0054	0.0163
15	-5.20	0.0073	0.0243	15	-2.60	0.	0.	15	-5.20	0.0072	0.0235
16	-5.00	0.0098	0.0341	16	-2.50	0.	0.	16	-5.00	0.0111	0.0346
17	-4.80	0.0139	0.0479	17	-2.40	0.	0.	17	-4.80	0.0146	0.0492
18	-4.60	0.0161	0.0640	18	-2.30	0.	0.	18	-4.60	0.0174	0.0665
19	-4.40	0.0195	0.0835	19	-2.20	0.	0.	19	-4.40	0.0184	0.0849
20	-4.20	0.0195	0.1030	20	-2.10	0.	0.	20	-4.20	0.0189	0.1038
21	-4.00	0.0242	0.1272	21	-2.00	0.	0.	21	-4.00	0.0226	0.1264
22	-3.80	0.0221	0.1493	22	-1.90	0.	0.	22	-3.80	0.0264	0.1528
23	-3.60	0.0269	0.1762	23	-1.80	0.	0.	23	-3.60	0.0246	0.1774
24	-3.40	0.0274	0.2036	24	-1.70	0.	0.	24	-3.40	0.0250	0.2024
25	-3.20	0.0281	0.2317	25	-1.60	0.	0.	25	-3.20	0.0255	0.2279
26	-3.00	0.0236	0.2553	26	-1.50	0.	0.	26	-3.00	0.0231	0.2510
27	-2.80	0.0221	0.2774	27	-1.40	0.	0.	27	-2.80	0.0216	0.2726
28	-2.60	0.0189	0.2963	28	-1.30	0.	0.	28	-2.60	0.0191	0.2917
29	-2.40	0.0200	0.3162	29	-1.20	0.	0.	29	-2.40	0.0187	0.3103
30	-2.20	0.0182	0.3344	30	-1.10	0.	0.	30	-2.20	0.0177	0.3280
31	-2.00	0.0166	0.3510	31	-1.00	0.	0.	31	-2.00	0.0182	0.3462
32	-1.80	0.0174	0.3684	32	-0.90	0.	0.	32	-1.80	0.0162	0.3623
33	-1.60	0.0163	0.3847	33	-0.80	0.0001	0.0001	33	-1.60	0.0187	0.3811
34	-1.40	0.0168	0.4015	34	-0.70	0.0001	0.0002	34	-1.40	0.0165	0.3976
35	-1.20	0.0151	0.4167	35	-0.60	0.0031	0.0034	35	-1.20	0.0170	0.4146
36	-1.00	0.0156	0.4322	36	-0.50	0.0101	0.0134	36	-1.00	0.0164	0.4310
37	-0.80	0.0166	0.4488	37	-0.40	0.0275	0.0410	37	-0.80	0.0159	0.4468
38	-0.60	0.0132	0.4619	38	-0.30	0.0611	0.1021	38	-0.60	0.0146	0.4614
39	-0.40	0.0146	0.4765	39	-0.20	0.1024	0.2045	39	-0.40	0.0132	0.4746
40	-0.20	0.0146	0.4911	40	-0.10	0.1493	0.3538	40	-0.20	0.0152	0.4898
41	0.	0.0134	0.5045	41	0.	0.1948	0.5485	41	0.	0.0143	0.5041
42	0.20	0.0149	0.5193	42	0.10	0.1791	0.7276	42	0.20	0.0154	0.5194
43	0.40	0.0164	0.5357	43	0.20	0.1317	0.8594	43	0.40	0.0140	0.5335
44	0.60	0.0143	0.5500	44	0.30	0.0833	0.9427	44	0.60	0.0150	0.5485
45	0.80	0.0164	0.5664	45	0.40	0.0367	0.9794	45	0.80	0.0160	0.5645
46	1.00	0.0162	0.5826	46	0.50	0.0140	0.9934	46	1.00	0.0155	0.5800
47	1.20	0.0162	0.5988	47	0.60	0.0037	0.9971	47	1.20	0.0158	0.5958
48	1.40	0.0151	0.6139	48	0.70	0.0019	0.9990	48	1.40	0.0143	0.6101
49	1.60	0.0160	0.6299	49	0.80	0.0006	0.9996	49	1.60	0.0166	0.6266
50	1.80	0.0170	0.6469	50	0.90	0.0004	0.9999	50	1.80	0.0167	0.6434
51	2.00	0.0182	0.6650	51	1.00	0.0001	1.0000	51	2.00	0.0189	0.6622
52	2.20	0.0189	0.6839	52	1.10	0.	1.0000	52	2.20	0.0184	0.6807
53	2.40	0.0183	0.7022	53	1.20	0.	1.0000	53	2.40	0.0197	0.7004
54	2.60	0.0229	0.7251	54	1.30	0.	1.0000	54	2.60	0.0224	0.7228
55	2.80	0.0245	0.7496	55	1.40	0.	1.0000	55	2.80	0.0235	0.7464
56	3.00	0.0221	0.7717	56	1.50	0.	1.0000	56	3.00	0.0245	0.7709
57	3.20	0.0288	0.8005	57	1.60	0.	1.0000	57	3.20	0.0262	0.7971
58	3.40	0.0260	0.8265	58	1.70	0.	1.0000	58	3.40	0.0274	0.8245
59	3.60	0.0261	0.8527	59	1.80	0.	1.0000	59	3.60	0.0253	0.8498
60	3.80	0.0231	0.8758	60	1.90	0.	1.0000	60	3.80	0.0240	0.8738
61	4.00	0.0222	0.8980	61	2.00	0.	1.0000	61	4.00	0.0207	0.8945
62	4.20	0.0197	0.9177	62	2.10	0.	1.0000	62	4.20	0.0205	0.9150
63	4.40	0.0183	0.9360	63	2.20	0.	1.0000	63	4.40	0.0185	0.9335
64	4.60	0.0171	0.9530	64	2.30	0.	1.0000	64	4.60	0.0172	0.9508
65	4.80	0.0122	0.9653	65	2.40	0.	1.0000	65	4.80	0.0125	0.9633
66	5.00	0.0101	0.9753	66	2.50	0.	1.0000	66	5.00	0.0097	0.9729
67	5.20	0.0068	0.9821	67	2.60	0.	1.0000	67	5.20	0.0096	0.9825
68	5.40	0.0052	0.9873	68	2.70	0.	1.0000	68	5.40	0.0049	0.9874
69	5.60	0.0042	0.9916	69	2.80	0.	1.0000	69	5.60	0.0047	0.9921
70	5.80	0.0030	0.9946	70	2.90	0.	1.0000	70	5.80	0.0028	0.9949
71	6.00	0.0025	0.9971	71	3.00	0.	1.0000	71	6.00	0.0021	0.9970
72	6.20	0.0016	0.9987	72	3.10	0.	1.0000	72	6.20	0.0016	0.9986
73	6.40	0.0011	0.9998	73	3.20	0.	1.0000	73	6.40	0.0009	0.9996
74	6.60	0.0002	1.0000	74	3.30	0.	1.0000	74	6.60	0.0004	0.9999
75	6.80	0.	1.0000	75	3.40	0.	1.0000	75	6.80	0.0001	1.0000
76	7.00	0.	1.0000	76	3.50	0.	1.0000	76	7.00	0.	1.0000
77	7.20	0.	1.0000	77	3.60	0.	1.0000	77	7.20	0.	1.0000
78	7.40	0.	1.0000	78	3.70	0.	1.0000	78	7.40	0.	1.0000
79	7.60	0.	1.0000	79	3.80	0.	1.0000	79	7.60	0.	1.0000
80	7.80	0.	1.0000	80	3.90	0.	1.0000	80	7.80	0.	1.0000
81	8.00	0.	1.0000	81	4.00	0.	1.0000	81	8.00	0.	1.0000

I - INTERVAL NUMBER X - INTERVAL CENTER VALUE

P(X) - PROBABILITY MASS FUNCTION F(X) - CUMULATIVE DISTRIBUTION FUNCTION

SEAVEY ISLAND ME.

STATISTICS FOR AUGUST

ASTRONOMICAL TIDE				STORM SURGE				TOTAL WATER LEVEL			
MEAN 0.00		STND DEV 3.17		MEAN 0.00		STND DEV 0.23		MEAN 0.01		STND DEV 3.17	
I	X	P(X)	F(X)	I	X	P(X)	F(X)	I	X	P(X)	F(X)
1	-8.00	0.	0.	1	-4.00	0.	0.	1	-8.00	0.	0.
2	-7.80	0.	0.	2	-3.90	0.	0.	2	-7.80	0.	0.
3	-7.60	0.	0.	3	-3.80	0.	0.	3	-7.60	0.	0.
4	-7.40	0.	0.	4	-3.70	0.	0.	4	-7.40	0.	0.
5	-7.20	0.	0.	5	-3.60	0.	0.	5	-7.20	0.	0.
6	-7.00	0.	0.	6	-3.50	0.	0.	6	-7.00	0.	0.
7	-6.80	0.	0.	7	-3.40	0.	0.	7	-6.80	0.0001	0.0001
8	-6.60	0.	0.	8	-3.30	0.	0.	8	-6.60	0.0001	0.0002
9	-6.40	0.0003	0.0003	9	-3.20	0.	0.	9	-6.40	0.0005	0.0007
10	-6.20	0.0010	0.0013	10	-3.10	0.	0.	10	-6.20	0.0013	0.0020
11	-6.00	0.0024	0.0036	11	-3.00	0.	0.	11	-6.00	0.0017	0.0037
12	-5.80	0.0028	0.0065	12	-2.90	0.	0.	12	-5.80	0.0043	0.0080
13	-5.60	0.0044	0.0109	13	-2.80	0.	0.	13	-5.60	0.0036	0.0116
14	-5.40	0.0057	0.0166	14	-2.70	0.	0.	14	-5.40	0.0062	0.0178
15	-5.20	0.0085	0.0251	15	-2.60	0.	0.	15	-5.20	0.0091	0.0269
16	-5.00	0.0102	0.0352	16	-2.50	0.	0.	16	-5.00	0.0104	0.0374
17	-4.80	0.0134	0.0487	17	-2.40	0.	0.	17	-4.80	0.0130	0.0503
18	-4.60	0.0149	0.0636	18	-2.30	0.	0.	18	-4.60	0.0151	0.0654
19	-4.40	0.0201	0.0837	19	-2.20	0.	0.	19	-4.40	0.0194	0.0848
20	-4.20	0.0214	0.1050	20	-2.10	0.	0.	20	-4.20	0.0234	0.1082
21	-4.00	0.0236	0.1286	21	-2.00	0.	0.	21	-4.00	0.0225	0.1306
22	-3.80	0.0244	0.1530	22	-1.90	0.	0.	22	-3.80	0.0252	0.1559
23	-3.60	0.0266	0.1796	23	-1.80	0.	0.	23	-3.60	0.0248	0.1807
24	-3.40	0.0258	0.2054	24	-1.70	0.	0.	24	-3.40	0.0223	0.2030
25	-3.20	0.0248	0.2302	25	-1.60	0.	0.	25	-3.20	0.0247	0.2277
26	-3.00	0.0247	0.2550	26	-1.50	0.	0.	26	-3.00	0.0215	0.2492
27	-2.80	0.0213	0.2763	27	-1.40	0.	0.	27	-2.80	0.0229	0.2721
28	-2.60	0.0225	0.2987	28	-1.30	0.	0.	28	-2.60	0.0215	0.2936
29	-2.40	0.0191	0.3178	29	-1.20	0.	0.	29	-2.40	0.0191	0.3127
30	-2.20	0.0171	0.3349	30	-1.10	0.	0.	30	-2.20	0.0179	0.3305
31	-2.00	0.0173	0.3522	31	-1.00	0.	0.	31	-2.00	0.0162	0.3467
32	-1.80	0.0173	0.3694	32	-0.90	0.0001	0.0001	32	-1.80	0.0182	0.3649
33	-1.60	0.0153	0.3847	33	-0.80	0.0001	0.0001	33	-1.60	0.0163	0.3813
34	-1.40	0.0163	0.4009	34	-0.70	0.0008	0.0009	34	-1.40	0.0175	0.3988
35	-1.20	0.0149	0.4159	35	-0.60	0.0043	0.0053	35	-1.20	0.0155	0.4142
36	-1.00	0.0153	0.4311	36	-0.50	0.0129	0.0181	36	-1.00	0.0146	0.4288
37	-0.80	0.0158	0.4469	37	-0.40	0.0365	0.0546	37	-0.80	0.0165	0.4453
38	-0.60	0.0147	0.4616	38	-0.30	0.0687	0.1233	38	-0.60	0.0156	0.4609
39	-0.40	0.0157	0.4773	39	-0.20	0.1249	0.2483	39	-0.40	0.0160	0.4769
40	-0.20	0.0142	0.4915	40	-0.10	0.1646	0.4129	40	-0.20	0.0160	0.4929
41	0.	0.0150	0.5065	41	0.	0.1814	0.5943	41	0.	0.0140	0.5068
42	0.20	0.0156	0.5220	42	0.10	0.1548	0.7491	42	0.20	0.0148	0.5217
43	0.40	0.0140	0.5360	43	0.20	0.1176	0.8667	43	0.40	0.0142	0.5358
44	0.60	0.0156	0.5516	44	0.30	0.0694	0.9360	44	0.60	0.0135	0.5494
45	0.80	0.0130	0.5647	45	0.40	0.0363	0.9724	45	0.80	0.0143	0.5637
46	1.00	0.0151	0.5797	46	0.50	0.0176	0.9899	46	1.00	0.0156	0.5793
47	1.20	0.0183	0.5980	47	0.60	0.0060	0.9959	47	1.20	0.0161	0.5954
48	1.40	0.0155	0.6134	48	0.70	0.0027	0.9986	48	1.40	0.0141	0.6095
49	1.60	0.0159	0.6294	49	0.80	0.0009	0.9994	49	1.60	0.0183	0.6277
50	1.80	0.0178	0.6472	50	0.90	0.0004	0.9998	50	1.80	0.0175	0.6452
51	2.00	0.0165	0.6637	51	1.00	0.0001	0.9999	51	2.00	0.0204	0.6657
52	2.20	0.0199	0.6836	52	1.10	0.0001	1.0000	52	2.20	0.0197	0.6854
53	2.40	0.0222	0.7059	53	1.20	0.	1.0000	53	2.40	0.0206	0.7060
54	2.60	0.0208	0.7267	54	1.30	0.	1.0000	54	2.60	0.0207	0.7267
55	2.80	0.0234	0.7501	55	1.40	0.	1.0000	55	2.80	0.0223	0.7490
56	3.00	0.0211	0.7712	56	1.50	0.	1.0000	56	3.00	0.0243	0.7732
57	3.20	0.0252	0.7964	57	1.60	0.	1.0000	57	3.20	0.0247	0.7979
58	3.40	0.0251	0.8215	58	1.70	0.	1.0000	58	3.40	0.0258	0.8238
59	3.60	0.0269	0.8484	59	1.80	0.	1.0000	59	3.60	0.0253	0.8491
60	3.80	0.0242	0.8726	60	1.90	0.	1.0000	60	3.80	0.0241	0.8732
61	4.00	0.0206	0.8932	61	2.00	0.	1.0000	61	4.00	0.0216	0.8948
62	4.20	0.0210	0.9142	62	2.10	0.	1.0000	62	4.20	0.0202	0.9149
63	4.40	0.0171	0.9313	63	2.20	0.	1.0000	63	4.40	0.0176	0.9325
64	4.60	0.0178	0.9491	64	2.30	0.	1.0000	64	4.60	0.0181	0.9506
65	4.80	0.0150	0.9641	65	2.40	0.	1.0000	65	4.80	0.0152	0.9658
66	5.00	0.0113	0.9754	66	2.50	0.	1.0000	66	5.00	0.0096	0.9754
67	5.20	0.0075	0.9829	67	2.60	0.	1.0000	67	5.20	0.0075	0.9829
68	5.40	0.0064	0.9892	68	2.70	0.	1.0000	68	5.40	0.0059	0.9888
69	5.60	0.0042	0.9935	69	2.80	0.	1.0000	69	5.60	0.0042	0.9930
70	5.80	0.0031	0.9966	70	2.90	0.	1.0000	70	5.80	0.0035	0.9965
71	6.00	0.0016	0.9981	71	3.00	0.	1.0000	71	6.00	0.0017	0.9982
72	6.20	0.0013	0.9995	72	3.10	0.	1.0000	72	6.20	0.0009	0.9991
73	6.40	0.0005	1.0000	73	3.20	0.	1.0000	73	6.40	0.0006	0.9996
74	6.60	0.	1.0000	74	3.30	0.	1.0000	74	6.60	0.0001	0.9998
75	6.80	0.	1.0000	75	3.40	0.	1.0000	75	6.80	0.0002	1.0000
76	7.00	0.	1.0000	76	3.50	0.	1.0000	76	7.00	0.	1.0000
77	7.20	0.	1.0000	77	3.60	0.	1.0000	77	7.20	0.	1.0000
78	7.40	0.	1.0000	78	3.70	0.	1.0000	78	7.40	0.	1.0000
79	7.60	0.	1.0000	79	3.80	0.	1.0000	79	7.60	0.	1.0000
80	7.80	0.	1.0000	80	3.90	0.	1.0000	80	7.80	0.	1.0000
81	8.00	0.	1.0000	81	4.00	0.	1.0000	81	8.00	0.	1.0000

I - INTERVAL NUMBER X - INTERVAL CENTER VALUE

P(X) - PROBABILITY MASS FUNCTION F(X) - CUMULATIVE DISTRIBUTION FUNCTION

SEAVEY ISLAND ME.

STATISTICS FOR SEPTEMBER

	ASTRONOMICAL TIDE			STORM SURGE			TOTAL WATER LEVEL		
	MEAN 0.00	STND DEV 3.18		MEAN-0.04	STND DEV 0.27		MEAN-0.04	STND DEV 3.16	
I	X	P(X)	F(X)	X	P(X)	F(X)	X	P(X)	F(X)
1	-8.00	0.	0.	-4.00	0.	0.	-8.00	0.	0.
2	-7.80	0.	0.	-3.90	0.	0.	-7.80	0.	0.
3	-7.60	0.	0.	-3.80	0.	0.	-7.60	0.	0.
4	-7.40	0.	0.	-3.70	0.	0.	-7.40	0.	0.
5	-7.20	0.	0.	-3.60	0.	0.	-7.20	0.	0.
6	-7.00	0.	0.	-3.50	0.	0.	-7.00	0.	0.
7	-6.80	0.	0.	-3.40	0.	0.	-6.80	0.0002	0.0002
8	-6.60	0.	0.	-3.30	0.	0.	-6.60	0.0003	0.0004
9	-6.40	0.0002	0.0002	-3.20	0.	0.	-6.40	0.0012	0.0016
10	-6.20	0.0015	0.0016	-3.10	0.	0.	-6.20	0.0019	0.0035
11	-6.00	0.0031	0.0048	-3.00	0.	0.	-6.00	0.0032	0.0067
12	-5.80	0.0045	0.0092	-2.90	0.	0.	-5.80	0.0036	0.0102
13	-5.60	0.0054	0.0146	-2.80	0.	0.	-5.60	0.0050	0.0152
14	-5.40	0.0062	0.0208	-2.70	0.	0.	-5.40	0.0069	0.0221
15	-5.20	0.0083	0.0292	-2.60	0.	0.	-5.20	0.0076	0.0297
16	-5.00	0.0100	0.0392	-2.50	0.	0.	-5.00	0.0105	0.0402
17	-4.80	0.0104	0.0496	-2.40	0.	0.	-4.80	0.0122	0.0524
18	-4.60	0.0150	0.0646	-2.30	0.	0.	-4.60	0.0165	0.0689
19	-4.40	0.0208	0.0854	-2.20	0.	0.	-4.40	0.0212	0.0901
20	-4.20	0.0219	0.1073	-2.10	0.	0.	-4.20	0.0215	0.1116
21	-4.00	0.0239	0.1312	-2.00	0.	0.	-4.00	0.0225	0.1341
22	-3.80	0.0251	0.1564	-1.90	0.	0.	-3.80	0.0249	0.1589
23	-3.60	0.0249	0.1813	-1.80	0.	0.	-3.60	0.0220	0.1810
24	-3.40	0.0256	0.2069	-1.70	0.	0.	-3.40	0.0254	0.2063
25	-3.20	0.0235	0.2303	-1.60	0.	0.	-3.20	0.0225	0.2289
26	-3.00	0.0224	0.2528	-1.50	0.	0.	-3.00	0.0235	0.2523
27	-2.80	0.0224	0.2752	-1.40	0.	0.	-2.80	0.0191	0.2714
28	-2.60	0.0216	0.2968	-1.30	0.	0.	-2.60	0.0214	0.2928
29	-2.40	0.0189	0.3157	-1.20	0.	0.	-2.40	0.0206	0.3134
30	-2.20	0.0178	0.3335	-1.10	0.0002	0.0002	-2.20	0.0201	0.3335
31	-2.00	0.0184	0.3519	-1.00	0.0004	0.0006	-2.00	0.0170	0.3505
32	-1.80	0.0175	0.3694	-0.90	0.0008	0.0014	-1.80	0.0169	0.3674
33	-1.60	0.0167	0.3862	-0.80	0.0028	0.0042	-1.60	0.0158	0.3832
34	-1.40	0.0149	0.4011	-0.70	0.0069	0.0111	-1.40	0.0174	0.4005
35	-1.20	0.0146	0.4156	-0.60	0.0149	0.0260	-1.20	0.0169	0.4174
36	-1.00	0.0154	0.4311	-0.50	0.0314	0.0574	-1.00	0.0169	0.4343
37	-0.80	0.0141	0.4452	-0.40	0.0619	0.1193	-0.80	0.0148	0.4491
38	-0.60	0.0158	0.4610	-0.30	0.1037	0.2230	-0.60	0.0168	0.4659
39	-0.40	0.0154	0.4764	-0.20	0.1337	0.3566	-0.40	0.0141	0.4800
40	-0.20	0.0149	0.4913	-0.10	0.1450	0.5017	-0.20	0.0134	0.4934
41	0.	0.0148	0.5061	0.	0.1526	0.6543	0.	0.0142	0.5077
42	0.20	0.0156	0.5217	0.10	0.1254	0.7797	0.20	0.0151	0.5228
43	0.40	0.0148	0.5365	0.20	0.0897	0.8693	0.40	0.0146	0.5374
44	0.60	0.0151	0.5516	0.30	0.0599	0.9292	0.60	0.0173	0.5547
45	0.80	0.0146	0.5662	0.40	0.0325	0.9617	0.80	0.0163	0.5710
46	1.00	0.0139	0.5801	0.50	0.0166	0.9783	1.00	0.0138	0.5848
47	1.20	0.0162	0.5963	0.60	0.0090	0.9873	1.20	0.0151	0.6000
48	1.40	0.0167	0.6129	0.70	0.0062	0.9935	1.40	0.0172	0.6172
49	1.60	0.0164	0.6293	0.80	0.0026	0.9961	1.60	0.0164	0.6336
50	1.80	0.0170	0.6463	0.90	0.0011	0.9972	1.80	0.0175	0.6510
51	2.00	0.0184	0.6647	1.00	0.0016	0.9988	2.00	0.0191	0.6702
52	2.20	0.0196	0.6843	1.10	0.0008	0.9995	2.20	0.0211	0.6913
53	2.40	0.0198	0.7041	1.20	0.0003	0.9998	2.40	0.0222	0.7135
54	2.60	0.0205	0.7246	1.30	0.0002	1.0000	2.60	0.0207	0.7342
55	2.80	0.0230	0.7476	1.40	0.	1.0000	2.80	0.0234	0.7576
56	3.00	0.0235	0.7711	1.50	0.	1.0000	3.00	0.0255	0.7831
57	3.20	0.0238	0.7949	1.60	0.	1.0000	3.20	0.0249	0.8080
58	3.40	0.0268	0.8216	1.70	0.	1.0000	3.40	0.0226	0.8306
59	3.60	0.0241	0.8458	1.80	0.	1.0000	3.60	0.0248	0.8554
60	3.80	0.0222	0.8680	1.90	0.	1.0000	3.80	0.0239	0.8792
61	4.00	0.0247	0.8927	2.00	0.	1.0000	4.00	0.0225	0.9017
62	4.20	0.0218	0.9145	2.10	0.	1.0000	4.20	0.0213	0.9230
63	4.40	0.0217	0.9362	2.20	0.	1.0000	4.40	0.0171	0.9401
64	4.60	0.0147	0.9509	2.30	0.	1.0000	4.60	0.0150	0.9551
65	4.80	0.0126	0.9634	2.40	0.	1.0000	4.80	0.0098	0.9649
66	5.00	0.0097	0.9732	2.50	0.	1.0000	5.00	0.0103	0.9752
67	5.20	0.0078	0.9810	2.60	0.	1.0000	5.20	0.0089	0.9841
68	5.40	0.0067	0.9877	2.70	0.	1.0000	5.40	0.0049	0.9890
69	5.60	0.0042	0.9920	2.80	0.	1.0000	5.60	0.0044	0.9934
70	5.80	0.0045	0.9964	2.90	0.	1.0000	5.80	0.0029	0.9963
71	6.00	0.0028	0.9992	3.00	0.	1.0000	6.00	0.0023	0.9987
72	6.20	0.0008	1.0000	3.10	0.	1.0000	6.20	0.0009	0.9996
73	6.40	0.	1.0000	3.20	0.	1.0000	6.40	0.0003	0.9998
74	6.60	0.	1.0000	3.30	0.	1.0000	6.60	0.0002	1.0000
75	6.80	0.	1.0000	3.40	0.	1.0000	6.80	0.	1.0000
76	7.00	0.	1.0000	3.50	0.	1.0000	7.00	0.	1.0000
77	7.20	0.	1.0000	3.60	0.	1.0000	7.20	0.	1.0000
78	7.40	0.	1.0000	3.70	0.	1.0000	7.40	0.	1.0000
79	7.60	0.	1.0000	3.80	0.	1.0000	7.60	0.	1.0000
80	7.80	0.	1.0000	3.90	0.	1.0000	7.80	0.	1.0000
81	8.00	0.	1.0000	4.00	0.	1.0000	8.00	0.	1.0000

I - INTERVAL NUMBER X - INTERVAL CENTER VALUE

P(X) - PROBABILITY MASS FUNCTION F(X) - CUMULATIVE DISTPIBUTION FUNCTION

SEAVEY ISLAND ME.

STATISTICS FOR OCTOBER

ASTRONOMICAL TIDE				STORM SURGE				TOTAL WATER LEVEL			
MEAN-0.00 STND DEV 3.19				MEAN 0.01 STND DEV 0.38				MEAN 0.01 STND DEV 3.22			
I	X	P(X)	F(X)	I	X	P(X)	F(X)	I	X	P(X)	F(X)
1	-8.00	0.	0.	1	-4.00	0.	0.	1	-8.00	0.	0.
2	-7.80	0.	0.	2	-3.90	0.	0.	2	-7.80	0.	0.
3	-7.60	0.	0.	3	-3.80	0.	0.	3	-7.60	0.	0.
4	-7.40	0.	0.	4	-3.70	0.	0.	4	-7.40	0.	0.
5	-7.20	0.	0.	5	-3.60	0.	0.	5	-7.20	0.	0.
6	-7.00	0.	0.	6	-3.50	0.	0.	6	-7.00	0.	0.
7	-6.80	0.	0.	7	-3.40	0.	0.	7	-6.80	0.	0.
8	-6.60	0.0003	0.0003	8	-3.30	0.	0.	8	-6.60	0.0007	0.0007
9	-6.40	0.0013	0.0017	9	-3.20	0.	0.	9	-6.40	0.0010	0.0017
10	-6.20	0.0018	0.0035	10	-3.10	0.	0.	10	-6.20	0.0016	0.0034
11	-6.00	0.0028	0.0063	11	-3.00	0.	0.	11	-6.00	0.0031	0.0064
12	-5.80	0.0039	0.0102	12	-2.90	0.	0.	12	-5.80	0.0042	0.0106
13	-5.60	0.0054	0.0157	13	-2.80	0.	0.	13	-5.60	0.0064	0.0170
14	-5.40	0.0071	0.0228	14	-2.70	0.	0.	14	-5.40	0.0082	0.0252
15	-5.20	0.0087	0.0315	15	-2.60	0.	0.	15	-5.20	0.0090	0.0342
16	-5.00	0.0106	0.0420	16	-2.50	0.	0.	16	-5.00	0.0107	0.0449
17	-4.80	0.0134	0.0554	17	-2.40	0.	0.	17	-4.80	0.0138	0.0587
18	-4.60	0.0152	0.0706	18	-2.30	0.	0.	18	-4.60	0.0157	0.0744
19	-4.40	0.0184	0.0890	19	-2.20	0.	0.	19	-4.40	0.0198	0.0942
20	-4.20	0.0197	0.1087	20	-2.10	0.	0.	20	-4.20	0.0192	0.1134
21	-4.00	0.0225	0.1311	21	-2.00	0.	0.	21	-4.00	0.0217	0.1350
22	-3.80	0.0252	0.1563	22	-1.90	0.	0.	22	-3.80	0.0219	0.1570
23	-3.60	0.0241	0.1804	23	-1.80	0.	0.	23	-3.60	0.0244	0.1813
24	-3.40	0.0262	0.2066	24	-1.70	0.	0.	24	-3.40	0.0241	0.2054
25	-3.20	0.0227	0.2293	25	-1.60	0.	0.	25	-3.20	0.0219	0.2274
26	-3.00	0.0237	0.2530	26	-1.50	0.	0.	26	-3.00	0.0222	0.2495
27	-2.80	0.0231	0.2761	27	-1.40	0.0001	0.0001	27	-2.80	0.0227	0.2722
28	-2.60	0.0200	0.2962	28	-1.30	0.0005	0.0006	28	-2.60	0.0206	0.2928
29	-2.40	0.0188	0.3149	29	-1.20	0.0011	0.0016	29	-2.40	0.0187	0.3115
30	-2.20	0.0197	0.3346	30	-1.10	0.0018	0.0034	30	-2.20	0.0186	0.3301
31	-2.00	0.0177	0.3523	31	-1.00	0.0018	0.0052	31	-2.00	0.0187	0.3489
32	-1.80	0.0159	0.3682	32	-0.90	0.0027	0.0079	32	-1.80	0.0170	0.3658
33	-1.60	0.0165	0.3847	33	-0.80	0.0062	0.0141	33	-1.60	0.0166	0.3824
34	-1.40	0.0156	0.4003	34	-0.70	0.0115	0.0256	34	-1.40	0.0172	0.3996
35	-1.20	0.0163	0.4167	35	-0.60	0.0216	0.0472	35	-1.20	0.0159	0.4155
36	-1.00	0.0164	0.4331	36	-0.50	0.0388	0.0860	36	-1.00	0.0156	0.4311
37	-0.80	0.0125	0.4456	37	-0.40	0.0649	0.1509	37	-0.80	0.0156	0.4467
38	-0.60	0.0147	0.4603	38	-0.30	0.0954	0.2462	38	-0.60	0.0164	0.4631
39	-0.40	0.0147	0.4749	39	-0.20	0.1076	0.3538	39	-0.40	0.0154	0.4785
40	-0.20	0.0169	0.4918	40	-0.10	0.1182	0.4719	40	-0.20	0.0148	0.4933
41	0.	0.0141	0.5059	41	0.	0.1095	0.5814	41	0.	0.0134	0.5067
42	0.20	0.0156	0.5214	42	0.10	0.1043	0.6857	42	0.20	0.0137	0.5204
43	0.40	0.0140	0.5354	43	0.20	0.0826	0.7683	43	0.40	0.0138	0.5342
44	0.60	0.0137	0.5491	44	0.30	0.0652	0.8335	44	0.60	0.0155	0.5496
45	0.80	0.0152	0.5643	45	0.40	0.0479	0.8814	45	0.80	0.0150	0.5646
46	1.00	0.0171	0.5815	46	0.50	0.0359	0.9173	46	1.00	0.0155	0.5801
47	1.20	0.0159	0.5973	47	0.60	0.0258	0.9431	47	1.20	0.0158	0.5959
48	1.40	0.0167	0.6140	48	0.70	0.0158	0.9589	48	1.40	0.0171	0.6130
49	1.60	0.0149	0.6288	49	0.80	0.0113	0.9702	49	1.60	0.0143	0.6272
50	1.80	0.0169	0.6457	50	0.90	0.0089	0.9791	50	1.80	0.0177	0.6449
51	2.00	0.0180	0.6637	51	1.00	0.0073	0.9864	51	2.00	0.0195	0.6643
52	2.20	0.0187	0.6824	52	1.10	0.0054	0.9918	52	2.20	0.0192	0.6837
53	2.40	0.0206	0.7030	53	1.20	0.0043	0.9961	53	2.40	0.0209	0.7046
54	2.60	0.0226	0.7255	54	1.30	0.0024	0.9985	54	2.60	0.0212	0.7258
55	2.80	0.0220	0.7476	55	1.40	0.0009	0.9994	55	2.80	0.0246	0.7504
56	3.00	0.0226	0.7702	56	1.50	0.0003	0.9997	56	3.00	0.0239	0.7744
57	3.20	0.0255	0.7956	57	1.60	0.0003	1.0000	57	3.20	0.0238	0.7982
58	3.40	0.0268	0.8224	58	1.70	0.	1.0000	58	3.40	0.0250	0.8232
59	3.60	0.0243	0.8467	59	1.80	0.	1.0000	59	3.60	0.0244	0.8473
60	3.80	0.0251	0.8718	60	1.90	0.	1.0000	60	3.80	0.0239	0.8714
61	4.00	0.0245	0.8963	61	2.00	0.	1.0000	61	4.00	0.0224	0.8939
62	4.20	0.0203	0.9166	62	2.10	0.	1.0000	62	4.20	0.0193	0.9132
63	4.40	0.0192	0.9358	63	2.20	0.	1.0000	63	4.40	0.0152	0.9284
64	4.60	0.0149	0.9507	64	2.30	0.	1.0000	64	4.60	0.0153	0.9437
65	4.80	0.0126	0.9632	65	2.40	0.	1.0000	65	4.80	0.0123	0.9559
66	5.00	0.0095	0.9727	66	2.50	0.	1.0000	66	5.00	0.0104	0.9663
67	5.20	0.0070	0.9797	67	2.60	0.	1.0000	67	5.20	0.0078	0.9741
68	5.40	0.0072	0.9869	68	2.70	0.	1.0000	68	5.40	0.0067	0.9808
69	5.60	0.0045	0.9914	69	2.80	0.	1.0000	69	5.60	0.0049	0.9857
70	5.80	0.0035	0.9949	70	2.90	0.	1.0000	70	5.80	0.0058	0.9914
71	6.00	0.0027	0.9976	71	3.00	0.	1.0000	71	6.00	0.0036	0.9950
72	6.20	0.0012	0.9988	72	3.10	0.	1.0000	72	6.20	0.0020	0.9970
73	6.40	0.0009	0.9997	73	3.20	0.	1.0000	73	6.40	0.0011	0.9982
74	6.60	0.0003	1.0000	74	3.30	0.	1.0000	74	6.60	0.0010	0.9992
75	6.80	0.	1.0000	75	3.40	0.	1.0000	75	6.80	0.0004	0.9996
76	7.00	0.	1.0000	76	3.50	0.	1.0000	76	7.00	0.0004	0.9999
77	7.20	0.	1.0000	77	3.60	0.	1.0000	77	7.20	0.	0.9999
78	7.40	0.	1.0000	78	3.70	0.	1.0000	78	7.40	0.0001	1.0000
79	7.60	0.	1.0000	79	3.80	0.	1.0000	79	7.60	0.	1.0000
80	7.80	0.	1.0000	80	3.90	0.	1.0000	80	7.80	0.	1.0000
81	8.00	0.	1.0000	81	4.00	0.	1.0000	81	8.00	0.	1.0000

I - INTERVAL NUMBER X - INTERVAL CENTER VALUE

P(X) - PROBABILITY MASS FUNCTION F(X) - CUMULATIVE DISTRIBUTION FUNCTION

SEAVEY ISLAND ME.

STATISTICS FOR NOVEMBER

ASTRONOMICAL TIDE				STOPM SURGE				TOTAL WATER LEVEL			
MEAN-0.00		STND DEV 3.18		MEAN 0.09		STND DEV 0.49		MEAN 0.09		STND DEV 3.22	
I	X	P(X)	F(X)	I	X	P(X)	F(X)	I	X	P(X)	F(X)
1	-8.00	0.	0.	1	-4.00	0.	0.	1	-8.00	0.	0.
2	-7.80	0.	0.	2	-3.90	0.	0.	2	-7.80	0.0001	0.0001
3	-7.60	0.	0.	3	-3.80	0.	0.	3	-7.60	0.	0.0001
4	-7.40	0.	0.	4	-3.70	0.	0.	4	-7.40	0.0001	0.0002
5	-7.20	0.	0.	5	-3.60	0.	0.	5	-7.20	0.0001	0.0003
6	-7.00	0.	0.	6	-3.50	0.	0.	6	-7.00	0.0001	0.0004
7	-6.80	0.0001	0.0001	7	-3.40	0.	0.	7	-6.80	0.0007	0.0011
8	-6.60	0.0005	0.0006	8	-3.30	0.	0.	8	-6.60	0.0012	0.0023
9	-6.40	0.0019	0.0024	9	-3.20	0.	0.	9	-6.40	0.0011	0.0034
10	-6.20	0.0021	0.0045	10	-3.10	0.	0.	10	-6.20	0.0018	0.0052
11	-6.00	0.0026	0.0072	11	-3.00	0.	0.	11	-6.00	0.0022	0.0074
12	-5.80	0.0036	0.0108	12	-2.90	0.	0.	12	-5.80	0.0042	0.0116
13	-5.60	0.0047	0.0155	13	-2.80	0.	0.	13	-5.60	0.0054	0.0170
14	-5.40	0.0057	0.0212	14	-2.70	0.	0.	14	-5.40	0.0055	0.0225
15	-5.20	0.0081	0.0292	15	-2.60	0.	0.	15	-5.20	0.0079	0.0304
16	-5.00	0.0108	0.0400	16	-2.50	0.	0.	16	-5.00	0.0098	0.0401
17	-4.80	0.0132	0.0532	17	-2.40	0.	0.	17	-4.80	0.0116	0.0517
18	-4.60	0.0143	0.0675	18	-2.30	0.	0.	18	-4.60	0.0149	0.0666
19	-4.40	0.0188	0.0863	19	-2.20	0.	0.	19	-4.40	0.0176	0.0842
20	-4.20	0.0206	0.1069	20	-2.10	0.	0.	20	-4.20	0.0199	0.1042
21	-4.00	0.0218	0.1288	21	-2.00	0.	0.	21	-4.00	0.0213	0.1255
22	-3.80	0.0249	0.1537	22	-1.90	0.	0.	22	-3.80	0.0223	0.1478
23	-3.60	0.0251	0.1788	23	-1.80	0.	0.	23	-3.60	0.0238	0.1716
24	-3.40	0.0256	0.2044	24	-1.70	0.	0.	24	-3.40	0.0227	0.1943
25	-3.20	0.0246	0.2290	25	-1.60	0.0001	0.0001	25	-3.20	0.0229	0.2172
26	-3.00	0.0247	0.2536	26	-1.50	0.0003	0.0005	26	-3.00	0.0206	0.2378
27	-2.80	0.0217	0.2753	27	-1.40	0.0007	0.0012	27	-2.80	0.0238	0.2616
28	-2.60	0.0208	0.2960	28	-1.30	0.0007	0.0019	28	-2.60	0.0213	0.2829
29	-2.40	0.0192	0.3153	29	-1.20	0.0011	0.0030	29	-2.40	0.0197	0.3025
30	-2.20	0.0186	0.3339	30	-1.10	0.0021	0.0051	30	-2.20	0.0188	0.3214
31	-2.00	0.0192	0.3531	31	-1.00	0.0029	0.0080	31	-2.00	0.0194	0.3407
32	-1.80	0.0161	0.3692	32	-0.90	0.0055	0.0135	32	-1.80	0.0171	0.3578
33	-1.60	0.0154	0.3847	33	-0.80	0.0095	0.0230	33	-1.60	0.0170	0.3748
34	-1.40	0.0160	0.4007	34	-0.70	0.0153	0.0383	34	-1.40	0.0153	0.3901
35	-1.20	0.0147	0.4154	35	-0.60	0.0220	0.0602	35	-1.20	0.0166	0.4067
36	-1.00	0.0159	0.4313	36	-0.50	0.0365	0.0967	36	-1.00	0.0153	0.4220
37	-0.80	0.0154	0.4466	37	-0.40	0.0493	0.1460	37	-0.80	0.0170	0.4390
38	-0.60	0.0152	0.4618	38	-0.30	0.0730	0.2189	38	-0.60	0.0160	0.4549
39	-0.40	0.0158	0.4776	39	-0.20	0.0896	0.3085	39	-0.40	0.0158	0.4707
40	-0.20	0.0139	0.4915	40	-0.10	0.0960	0.4045	40	-0.20	0.0147	0.4854
41	0.	0.0142	0.5056	41	0.	0.1018	0.5063	41	0.	0.0141	0.4995
42	0.20	0.0147	0.5203	42	0.10	0.0943	0.6006	42	0.20	0.0137	0.5132
43	0.40	0.0150	0.5353	43	0.20	0.0835	0.6842	43	0.40	0.0155	0.5288
44	0.60	0.0144	0.5497	44	0.30	0.0721	0.7562	44	0.60	0.0151	0.5438
45	0.80	0.0160	0.5656	45	0.40	0.0540	0.8102	45	0.80	0.0157	0.5595
46	1.00	0.0160	0.5817	46	0.50	0.0442	0.8545	46	1.00	0.0140	0.5735
47	1.20	0.0161	0.5978	47	0.60	0.0367	0.8911	47	1.20	0.0156	0.5891
48	1.40	0.0154	0.6131	48	0.70	0.0275	0.9186	48	1.40	0.0151	0.6042
49	1.60	0.0148	0.6279	49	0.80	0.0203	0.9389	49	1.60	0.0160	0.6202
50	1.80	0.0175	0.6454	50	0.90	0.0137	0.9526	50	1.80	0.0178	0.6380
51	2.00	0.0176	0.6631	51	1.00	0.0108	0.9634	51	2.00	0.0183	0.6563
52	2.20	0.0192	0.6823	52	1.10	0.0073	0.9706	52	2.20	0.0182	0.6745
53	2.40	0.0202	0.7025	53	1.20	0.0049	0.9755	53	2.40	0.0194	0.6938
54	2.60	0.0201	0.7226	54	1.30	0.0039	0.9794	54	2.60	0.0218	0.7157
55	2.80	0.0240	0.7465	55	1.40	0.0035	0.9829	55	2.80	0.0249	0.7406
56	3.00	0.0236	0.7701	56	1.50	0.0041	0.9870	56	3.00	0.0245	0.7651
57	3.20	0.0286	0.7988	57	1.60	0.0029	0.9898	57	3.20	0.0243	0.7894
58	3.40	0.0276	0.8263	58	1.70	0.0028	0.9926	58	3.40	0.0239	0.8133
59	3.60	0.0268	0.8531	59	1.80	0.0022	0.9948	59	3.60	0.0252	0.8385
60	3.80	0.0236	0.8767	60	1.90	0.0008	0.9955	60	3.80	0.0250	0.8635
61	4.00	0.0250	0.9017	61	2.00	0.0007	0.9962	61	4.00	0.0220	0.8855
62	4.20	0.0176	0.9193	62	2.10	0.0010	0.9972	62	4.20	0.0208	0.9064
63	4.40	0.0194	0.9388	63	2.20	0.0003	0.9975	63	4.40	0.0164	0.9228
64	4.60	0.0142	0.9529	64	2.30	0.0005	0.9980	64	4.60	0.0153	0.9381
65	4.80	0.0102	0.9631	65	2.40	0.0003	0.9983	65	4.80	0.0137	0.9518
66	5.00	0.0097	0.9728	66	2.50	0.0005	0.9988	66	5.00	0.0109	0.9627
67	5.20	0.0063	0.9790	67	2.60	0.0004	0.9992	67	5.20	0.0089	0.9715
68	5.40	0.0054	0.9844	68	2.70	0.0002	0.9994	68	5.40	0.0079	0.9793
69	5.60	0.0046	0.9890	69	2.80	0.0001	0.9996	69	5.60	0.0050	0.9843
70	5.80	0.0032	0.9922	70	2.90	0.0002	0.9998	70	5.80	0.0050	0.9893
71	6.00	0.0031	0.9952	71	3.00	0.0002	1.0000	71	6.00	0.0031	0.9926
72	6.20	0.0023	0.9975	72	3.10	0.	1.0000	72	6.20	0.0022	0.9948
73	6.40	0.0017	0.9992	73	3.20	0.	1.0000	73	6.40	0.0018	0.9967
74	6.60	0.0008	0.9999	74	3.30	0.	1.0000	74	6.60	0.0012	0.9978
75	6.80	0.0001	1.0000	75	3.40	0.	1.0000	75	6.80	0.0012	0.9990
76	7.00	0.	1.0000	76	3.50	0.	1.0000	76	7.00	0.0001	0.9992
77	7.20	0.	1.0000	77	3.60	0.	1.0000	77	7.20	0.0003	0.9994
78	7.40	0.	1.0000	78	3.70	0.	1.0000	78	7.40	0.0003	0.9998
79	7.60	0.	1.0000	79	3.80	0.	1.0000	79	7.60	0.	0.9998
80	7.80	0.	1.0000	80	3.90	0.	1.0000	80	7.80	0.0001	0.9999
81	8.00	0.	1.0000	81	4.00	0.	1.0000	81	8.00	0.0001	0.9999

I - INTERVAL NUMBER X - INTERVAL CENTER VALUE

P(X) - PROBABILITY MASS FUNCTION F(X) - CUMULATIVE DISTRIBUTION FUNCTION

SEAVEY ISLAND ME.

STATISTICS FOR DECEMBER

ASTRONOMICAL TIDE				STORM SURGE				TOTAL WATER LEVEL			
MEAN-0.00		STND DEV 3.18		MEAN-0.10		STND DEV 0.54		MEAN-0.10		STND DEV 3.22	
I	X	P(X)	F(X)	I	X	P(X)	F(X)	I	X	P(X)	F(X)
1	-8.00	0.	0.	1	-4.00	0.	0.	1	-8.00	0.	0.
2	-7.80	0.	0.	2	-3.90	0.	0.	2	-7.80	0.	0.
3	-7.60	0.	0.	3	-3.80	0.	0.	3	-7.60	0.0001	0.0001
4	-7.40	0.	0.	4	-3.70	0.	0.	4	-7.40	0.0001	0.0001
5	-7.20	0.	0.	5	-3.60	0.	0.	5	-7.20	0.0001	0.0003
6	-7.00	0.	0.	6	-3.50	0.	0.	6	-7.00	0.0005	0.0008
7	-6.80	0.	0.	7	-3.40	0.	0.	7	-6.80	0.0013	0.0021
8	-6.60	0.0005	0.0005	8	-3.30	0.	0.	8	-6.60	0.0011	0.0031
9	-6.40	0.0015	0.0020	9	-3.20	0.	0.	9	-6.40	0.0018	0.0049
10	-6.20	0.0018	0.0038	10	-3.10	0.	0.	10	-6.20	0.0022	0.0071
11	-6.00	0.0027	0.0065	11	-3.00	0.	0.	11	-6.00	0.0029	0.0100
12	-5.80	0.0035	0.0100	12	-2.90	0.	0.	12	-5.80	0.0047	0.0147
13	-5.60	0.0040	0.0139	13	-2.80	0.	0.	13	-5.60	0.0055	0.0203
14	-5.40	0.0063	0.0202	14	-2.70	0.	0.	14	-5.40	0.0085	0.0288
15	-5.20	0.0065	0.0267	15	-2.60	0.	0.	15	-5.20	0.0115	0.0403
16	-5.00	0.0097	0.0364	16	-2.50	0.	0.	16	-5.00	0.0117	0.0520
17	-4.80	0.0134	0.0498	17	-2.40	0.	0.	17	-4.80	0.0149	0.0670
18	-4.60	0.0145	0.0643	18	-2.30	0.	0.	18	-4.60	0.0181	0.0850
19	-4.40	0.0197	0.0839	19	-2.20	0.	0.	19	-4.40	0.0186	0.1036
20	-4.20	0.0208	0.1048	20	-2.10	0.0003	0.0003	20	-4.20	0.0215	0.1251
21	-4.00	0.0218	0.1266	21	-2.00	0.0005	0.0008	21	-4.00	0.0213	0.1463
22	-3.80	0.0242	0.1507	22	-1.90	0.0004	0.0012	22	-3.80	0.0236	0.1699
23	-3.60	0.0255	0.1763	23	-1.80	0.0014	0.0026	23	-3.60	0.0229	0.1929
24	-3.40	0.0275	0.2038	24	-1.70	0.0008	0.0033	24	-3.40	0.0237	0.2165
25	-3.20	0.0264	0.2302	25	-1.60	0.0016	0.0050	25	-3.20	0.0244	0.2409
26	-3.00	0.0249	0.2550	26	-1.50	0.0025	0.0074	26	-3.00	0.0220	0.2629
27	-2.80	0.0233	0.2784	27	-1.40	0.0025	0.0100	27	-2.80	0.0201	0.2829
28	-2.60	0.0198	0.2982	28	-1.30	0.0042	0.0141	28	-2.60	0.0184	0.3014
29	-2.40	0.0191	0.3173	29	-1.20	0.0049	0.0190	29	-2.40	0.0198	0.3211
30	-2.20	0.0172	0.3345	30	-1.10	0.0087	0.0278	30	-2.20	0.0177	0.3388
31	-2.00	0.0177	0.3522	31	-1.00	0.0124	0.0402	31	-2.00	0.0168	0.3556
32	-1.80	0.0153	0.3674	32	-0.90	0.0227	0.0629	32	-1.80	0.0175	0.3731
33	-1.60	0.0171	0.3845	33	-0.80	0.0310	0.0939	33	-1.60	0.0178	0.3909
34	-1.40	0.0179	0.4025	34	-0.70	0.0385	0.1324	34	-1.40	0.0160	0.4069
35	-1.20	0.0143	0.4167	35	-0.60	0.0511	0.1834	35	-1.20	0.0166	0.4235
36	-1.00	0.0161	0.4328	36	-0.50	0.0625	0.2460	36	-1.00	0.0166	0.4401
37	-0.80	0.0150	0.4478	37	-0.40	0.0688	0.3148	37	-0.80	0.0153	0.4555
38	-0.60	0.0147	0.4624	38	-0.30	0.0811	0.3959	38	-0.60	0.0158	0.4713
39	-0.40	0.0150	0.4774	39	-0.20	0.0701	0.4660	39	-0.40	0.0137	0.4850
40	-0.20	0.0141	0.4915	40	-0.10	0.0753	0.5613	40	-0.20	0.0153	0.5003
41	0.	0.0138	0.5053	41	0.	0.0807	0.6421	41	0.	0.0143	0.5146
42	0.20	0.0153	0.5206	42	0.10	0.0763	0.7184	42	0.20	0.0145	0.5291
43	0.40	0.0150	0.5356	43	0.20	0.0579	0.7763	43	0.40	0.0141	0.5432
44	0.60	0.0150	0.5505	44	0.30	0.0500	0.8262	44	0.60	0.0151	0.5584
45	0.80	0.0149	0.5655	45	0.40	0.0392	0.8655	45	0.80	0.0147	0.5730
46	1.00	0.0167	0.5821	46	0.50	0.0309	0.8963	46	1.00	0.0154	0.5885
47	1.20	0.0159	0.5981	47	0.60	0.0247	0.9210	47	1.20	0.0160	0.6044
48	1.40	0.0167	0.6148	48	0.70	0.0192	0.9402	48	1.40	0.0158	0.6202
49	1.60	0.0145	0.6292	49	0.80	0.0135	0.9537	49	1.60	0.0200	0.6402
50	1.80	0.0172	0.6464	50	0.90	0.0117	0.9654	50	1.80	0.0166	0.6569
51	2.00	0.0171	0.6636	51	1.00	0.0093	0.9747	51	2.00	0.0180	0.6749
52	2.20	0.0161	0.6797	52	1.10	0.0066	0.9813	52	2.20	0.0200	0.6948
53	2.40	0.0233	0.7030	53	1.20	0.0047	0.9860	53	2.40	0.0211	0.7160
54	2.60	0.0204	0.7234	54	1.30	0.0034	0.9894	54	2.60	0.0244	0.7404
55	2.80	0.0230	0.7464	55	1.40	0.0029	0.9924	55	2.80	0.0248	0.7652
56	3.00	0.0272	0.7736	56	1.50	0.0015	0.9939	56	3.00	0.0236	0.7888
57	3.20	0.0277	0.8013	57	1.60	0.0009	0.9948	57	3.20	0.0236	0.8124
58	3.40	0.0284	0.8296	58	1.70	0.0010	0.9958	58	3.40	0.0252	0.8376
59	3.60	0.0247	0.8544	59	1.80	0.0008	0.9965	59	3.60	0.0240	0.8616
60	3.80	0.0235	0.8778	60	1.90	0.0005	0.9970	60	3.80	0.0218	0.8834
61	4.00	0.0237	0.9016	61	2.00	0.0007	0.9977	61	4.00	0.0199	0.9033
62	4.20	0.0181	0.9196	62	2.10	0.0004	0.9981	62	4.20	0.0173	0.9206
63	4.40	0.0180	0.9376	63	2.20	0.0003	0.9984	63	4.40	0.0161	0.9367
64	4.60	0.0150	0.9526	64	2.30	0.0006	0.9990	64	4.60	0.0140	0.9506
65	4.80	0.0123	0.9649	65	2.40	0.0005	0.9995	65	4.80	0.0119	0.9625
66	5.00	0.0079	0.9729	66	2.50	0.0004	0.9999	66	5.00	0.0085	0.9710
67	5.20	0.0056	0.9784	67	2.60	0.0001	1.0000	67	5.20	0.0082	0.9792
68	5.40	0.0063	0.9847	68	2.70	0.	1.0000	68	5.40	0.0057	0.9849
69	5.60	0.0029	0.9876	69	2.80	0.	1.0000	69	5.60	0.0040	0.9889
70	5.80	0.0044	0.9920	70	2.90	0.	1.0000	70	5.80	0.0036	0.9924
71	6.00	0.0028	0.9948	71	3.00	0.	1.0000	71	6.00	0.0027	0.9951
72	6.20	0.0023	0.9971	72	3.10	0.	1.0000	72	6.20	0.0017	0.9968
73	6.40	0.0018	0.9989	73	3.20	0.	1.0000	73	6.40	0.0011	0.9979
74	6.60	0.0009	0.9999	74	3.30	0.	1.0000	74	6.60	0.0008	0.9987
75	6.80	0.0001	1.0000	75	3.40	0.	1.0000	75	6.80	0.0006	0.9993
76	7.00	0.	1.0000	76	3.50	0.	1.0000	76	7.00	0.0005	0.9998
77	7.20	0.	1.0000	77	3.60	0.	1.0000	77	7.20	0.0001	0.9999
78	7.40	0.	1.0000	78	3.70	0.	1.0000	78	7.40	0.0001	1.0000
79	7.60	0.	1.0000	79	3.80	0.	1.0000	79	7.60	0.	1.0000
80	7.80	0.	1.0000	80	3.90	0.	1.0000	80	7.80	0.	1.0000
81	8.00	0.	1.0000	81	4.00	0.	1.0000	81	8.00	0.	1.0000

I - INTERVAL NUMBER X - INTERVAL CENTER VALUE

P(X) - PROBABILITY MASS FUNCTION F(X) - CUMULATIVE DISTRIBUTION FUNCTION

BOSTON MASS.

YEARLY STATISTICS

ASTRONOMICAL TIDE				STORM SURGE				TOTAL WATER LEVEL			
MEAN-0.00		STND DEV 3.40		MEAN 0.00		STND DEV 0.43		MEAN-0.00		STND DEV 3.42	
I	X	P(X)	F(X)	I	X	P(X)	F(X)	I	X	P(X)	F(X)
1	-8.00	0.	0.0000	1	-4.00	0.	0.0000	1	-8.00	0.0001	0.0001
2	-7.80	0.	0.0000	2	-3.90	0.	0.0000	2	-7.80	0.0001	0.0002
3	-7.60	0.	0.0000	3	-3.80	0.	0.0000	3	-7.60	0.0002	0.0004
4	-7.40	0.0000	0.0000	4	-3.70	0.	0.0000	4	-7.40	0.0005	0.0009
5	-7.20	0.0001	0.0002	5	-3.60	0.	0.0000	5	-7.20	0.0008	0.0016
6	-7.00	0.0007	0.0009	6	-3.50	0.	0.0000	6	-7.00	0.0010	0.0027
7	-6.80	0.0011	0.0019	7	-3.40	0.	0.0000	7	-6.80	0.0019	0.0046
8	-6.60	0.0019	0.0038	8	-3.30	0.	0.0000	8	-6.60	0.0025	0.0070
9	-6.40	0.0026	0.0065	9	-3.20	0.	0.0000	9	-6.40	0.0031	0.0101
10	-6.20	0.0035	0.0100	10	-3.10	0.	0.0000	10	-6.20	0.0043	0.0145
11	-6.00	0.0047	0.0146	11	-3.00	0.	0.0000	11	-6.00	0.0050	0.0195
12	-5.80	0.0056	0.0202	12	-2.90	0.	0.0000	12	-5.80	0.0064	0.0258
13	-5.60	0.0073	0.0275	13	-2.80	0.	0.0000	13	-5.60	0.0083	0.0341
14	-5.40	0.0094	0.0369	14	-2.70	0.	0.0000	14	-5.40	0.0099	0.0440
15	-5.20	0.0118	0.0487	15	-2.60	0.	0.0000	15	-5.20	0.0118	0.0558
16	-5.00	0.0150	0.0637	16	-2.50	0.	0.0000	16	-5.00	0.0143	0.0701
17	-4.80	0.0174	0.0811	17	-2.40	0.0000	0.0000	17	-4.80	0.0164	0.0865
18	-4.60	0.0189	0.1000	18	-2.30	0.0000	0.0000	18	-4.60	0.0183	0.1048
19	-4.40	0.0203	0.1203	19	-2.20	0.0000	0.0001	19	-4.40	0.0193	0.1241
20	-4.20	0.0218	0.1421	20	-2.10	0.0000	0.0001	20	-4.20	0.0202	0.1443
21	-4.00	0.0231	0.1652	21	-2.00	0.0000	0.0002	21	-4.00	0.0203	0.1646
22	-3.80	0.0231	0.1883	22	-1.90	0.0001	0.0003	22	-3.80	0.0205	0.1851
23	-3.60	0.0226	0.2109	23	-1.80	0.0002	0.0004	23	-3.60	0.0213	0.2064
24	-3.40	0.0214	0.2322	24	-1.70	0.0003	0.0008	24	-3.40	0.0206	0.2270
25	-3.20	0.0206	0.2528	25	-1.60	0.0003	0.0011	25	-3.20	0.0197	0.2467
26	-3.00	0.0184	0.2713	26	-1.50	0.0007	0.0018	26	-3.00	0.0193	0.2661
27	-2.80	0.0180	0.2892	27	-1.40	0.0009	0.0027	27	-2.80	0.0182	0.2843
28	-2.60	0.0174	0.3066	28	-1.30	0.0013	0.0040	28	-2.60	0.0180	0.3023
29	-2.40	0.0165	0.3232	29	-1.20	0.0022	0.0062	29	-2.40	0.0173	0.3196
30	-2.20	0.0161	0.3393	30	-1.10	0.0028	0.0091	30	-2.20	0.0165	0.3361
31	-2.00	0.0155	0.3548	31	-1.00	0.0047	0.0138	31	-2.00	0.0160	0.3521
32	-1.80	0.0155	0.3703	32	-0.90	0.0064	0.0202	32	-1.80	0.0158	0.3679
33	-1.60	0.0153	0.3856	33	-0.80	0.0100	0.0302	33	-1.60	0.0158	0.3837
34	-1.40	0.0151	0.4007	34	-0.70	0.0159	0.0461	34	-1.40	0.0153	0.3990
35	-1.20	0.0148	0.4156	35	-0.60	0.0238	0.0698	35	-1.20	0.0157	0.4148
36	-1.00	0.0145	0.4300	36	-0.50	0.0393	0.1091	36	-1.00	0.0152	0.4299
37	-0.80	0.0150	0.4450	37	-0.40	0.0596	0.1688	37	-0.80	0.0151	0.4450
38	-0.60	0.0146	0.4596	38	-0.30	0.0835	0.2523	38	-0.60	0.0147	0.4597
39	-0.40	0.0145	0.4741	39	-0.20	0.1035	0.3558	39	-0.40	0.0145	0.4742
40	-0.20	0.0144	0.4885	40	-0.10	0.1142	0.4720	40	-0.20	0.0153	0.4895
41	0.	0.0152	0.5037	41	0.	0.1174	0.5894	41	0.	0.0146	0.5041
42	0.20	0.0144	0.5181	42	0.10	0.1048	0.6943	42	0.20	0.0146	0.5187
43	0.40	0.0146	0.5327	43	0.20	0.0815	0.7757	43	0.40	0.0146	0.5333
44	0.60	0.0150	0.5477	44	0.30	0.0624	0.8382	44	0.60	0.0153	0.5486
45	0.80	0.0152	0.5629	45	0.40	0.0454	0.8835	45	0.80	0.0153	0.5638
46	1.00	0.0154	0.5783	46	0.50	0.0319	0.9155	46	1.00	0.0152	0.5790
47	1.20	0.0146	0.5929	47	0.60	0.0218	0.9372	47	1.20	0.0156	0.5947
48	1.40	0.0158	0.6087	48	0.70	0.0164	0.9536	48	1.40	0.0158	0.6104
49	1.60	0.0158	0.6245	49	0.80	0.0118	0.9654	49	1.60	0.0162	0.6267
50	1.80	0.0160	0.6405	50	0.90	0.0078	0.9732	50	1.80	0.0158	0.6424
51	2.00	0.0163	0.6568	51	1.00	0.0061	0.9792	51	2.00	0.0168	0.6592
52	2.20	0.0173	0.6741	52	1.10	0.0043	0.9835	52	2.20	0.0173	0.6765
53	2.40	0.0179	0.6919	53	1.20	0.0036	0.9871	53	2.40	0.0177	0.6942
54	2.60	0.0185	0.7104	54	1.30	0.0028	0.9900	54	2.60	0.0186	0.7128
55	2.80	0.0199	0.7303	55	1.40	0.0019	0.9919	55	2.80	0.0200	0.7328
56	3.00	0.0209	0.7512	56	1.50	0.0018	0.9937	56	3.00	0.0201	0.7529
57	3.20	0.0216	0.7728	57	1.60	0.0015	0.9952	57	3.20	0.0212	0.7740
58	3.40	0.0228	0.7956	58	1.70	0.0011	0.9963	58	3.40	0.0216	0.7957
59	3.60	0.0244	0.8200	59	1.80	0.0008	0.9970	59	3.60	0.0234	0.8191
60	3.80	0.0228	0.8428	60	1.90	0.0007	0.9977	60	3.80	0.0214	0.8405
61	4.00	0.0231	0.8658	61	2.00	0.0005	0.9982	61	4.00	0.0217	0.8622
62	4.20	0.0214	0.8872	62	2.10	0.0004	0.9986	62	4.20	0.0215	0.8837
63	4.40	0.0204	0.9076	63	2.20	0.0004	0.9989	63	4.40	0.0197	0.9034
64	4.60	0.0180	0.9256	64	2.30	0.0003	0.9992	64	4.60	0.0181	0.9215
65	4.80	0.0166	0.9422	65	2.40	0.0002	0.9994	65	4.80	0.0157	0.9372
66	5.00	0.0139	0.9561	66	2.50	0.0002	0.9995	66	5.00	0.0139	0.9511
67	5.20	0.0103	0.9664	67	2.60	0.0001	0.9997	67	5.20	0.0113	0.9624
68	5.40	0.0089	0.9753	68	2.70	0.0001	0.9997	68	5.40	0.0095	0.9719
69	5.60	0.0067	0.9819	69	2.80	0.0001	0.9998	69	5.60	0.0079	0.9798
70	5.80	0.0053	0.9872	70	2.90	0.0000	0.9998	70	5.80	0.0057	0.9855
71	6.00	0.0041	0.9913	71	3.00	0.0000	0.9999	71	6.00	0.0043	0.9898
72	6.20	0.0031	0.9944	72	3.10	0.0000	0.9999	72	6.20	0.0031	0.9929
73	6.40	0.0024	0.9968	73	3.20	0.0000	0.9999	73	6.40	0.0026	0.9955
74	6.60	0.0017	0.9984	74	3.30	0.0000	1.0000	74	6.60	0.0019	0.9974
75	6.80	0.0010	0.9995	75	3.40	0.0000	1.0000	75	6.80	0.0011	0.9985
76	7.00	0.0005	1.0000	76	3.50	0.0000	1.0000	76	7.00	0.0006	0.9991
77	7.20	0.0001	1.0000	77	3.60	0.0000	1.0000	77	7.20	0.0003	0.9994
78	7.40	0.	1.0000	78	3.70	0.	1.0000	78	7.40	0.0003	0.9997
79	7.60	0.	1.0000	79	3.80	0.	1.0000	79	7.60	0.0001	0.9998
80	7.80	0.	1.0000	80	3.90	0.	1.0000	80	7.80	0.0001	0.9999
81	8.00	0.	1.0000	81	4.00	0.	1.0000	81	8.00	0.0001	1.0000

I - INTERVAL NUMBER X - INTERVAL CENTER VALUE

P(X) - PROBABILITY MASS FUNCTION F(X) - CUMULATIVE DISTRIBUTION FUNCTION

BOSTON MASS.

STATISTICS FOR JANUARY

ASTRONOMICAL TIDE				STORM SURGE				TOTAL WATER LEVEL			
MEAN-0.13		STND DEV 3.39		MEAN 0.02		STND DEV 0.57		MEAN-0.11		STND DEV 3.44	
I	X	P(X)	F(X)	I	X	P(X)	F(X)	I	X	P(X)	F(X)
1	-8.00	0.	0.	1	-4.00	0.	0.	1	-8.00	0.0001	0.0001
2	-7.80	0.	0.	2	-3.90	0.	0.	2	-7.80	0.0005	0.0006
3	-7.60	0.	0.	3	-3.80	0.	0.	3	-7.60	0.0003	0.0009
4	-7.40	0.	0.	4	-3.70	0.	0.	4	-7.40	0.0008	0.0016
5	-7.20	0.0003	0.0003	5	-3.60	0.	0.	5	-7.20	0.0015	0.0031
6	-7.00	0.0011	0.0013	6	-3.50	0.	0.	6	-7.00	0.0016	0.0047
7	-6.80	0.0011	0.0025	7	-3.40	0.	0.	7	-6.80	0.0021	0.0067
8	-6.60	0.0026	0.0050	8	-3.30	0.	0.	8	-6.60	0.0037	0.0104
9	-6.40	0.0032	0.0082	9	-3.20	0.	0.	9	-6.40	0.0038	0.0142
10	-6.20	0.0038	0.0120	10	-3.10	0.	0.	10	-6.20	0.0052	0.0193
11	-6.00	0.0049	0.0170	11	-3.00	0.	0.	11	-6.00	0.0061	0.0255
12	-5.80	0.0059	0.0229	12	-2.90	0.	0.	12	-5.80	0.0080	0.0335
13	-5.60	0.0084	0.0313	13	-2.80	0.	0.	13	-5.60	0.0098	0.0432
14	-5.40	0.0120	0.0432	14	-2.70	0.	0.	14	-5.40	0.0103	0.0535
15	-5.20	0.0126	0.0558	15	-2.60	0.	0.	15	-5.20	0.0115	0.0650
16	-5.00	0.0159	0.0717	16	-2.50	0.	0.	16	-5.00	0.0147	0.0797
17	-4.80	0.0192	0.0908	17	-2.40	0.	0.	17	-4.80	0.0169	0.0966
18	-4.60	0.0208	0.1116	18	-2.30	0.	0.	18	-4.60	0.0178	0.1144
19	-4.40	0.0205	0.1321	19	-2.20	0.	0.	19	-4.40	0.0202	0.1346
20	-4.20	0.0230	0.1551	20	-2.10	0.	0.	20	-4.20	0.0200	0.1546
21	-4.00	0.0253	0.1804	21	-2.00	0.0001	0.0001	21	-4.00	0.0198	0.1744
22	-3.80	0.0232	0.2036	22	-1.90	0.0003	0.0004	22	-3.80	0.0209	0.1953
23	-3.60	0.0248	0.2284	23	-1.80	0.0006	0.0010	23	-3.60	0.0207	0.2160
24	-3.40	0.0200	0.2484	24	-1.70	0.0010	0.0020	24	-3.40	0.0220	0.2380
25	-3.20	0.0173	0.2656	25	-1.60	0.0007	0.0027	25	-3.20	0.0202	0.2581
26	-3.00	0.0171	0.2828	26	-1.50	0.0020	0.0047	26	-3.00	0.0182	0.2763
27	-2.80	0.0179	0.3007	27	-1.40	0.0021	0.0067	27	-2.80	0.0159	0.2922
28	-2.60	0.0178	0.3184	28	-1.30	0.0038	0.0105	28	-2.60	0.0185	0.3107
29	-2.40	0.0167	0.3351	29	-1.20	0.0045	0.0151	29	-2.40	0.0170	0.3277
30	-2.20	0.0154	0.3505	30	-1.10	0.0076	0.0226	30	-2.20	0.0167	0.3444
31	-2.00	0.0144	0.3648	31	-1.00	0.0091	0.0317	31	-2.00	0.0154	0.3598
32	-1.80	0.0160	0.3808	32	-0.90	0.0146	0.0463	32	-1.80	0.0164	0.3762
33	-1.60	0.0152	0.3960	33	-0.80	0.0202	0.0665	33	-1.60	0.0167	0.3929
34	-1.40	0.0134	0.4094	34	-0.70	0.0300	0.0965	34	-1.40	0.0156	0.4085
35	-1.20	0.0164	0.4258	35	-0.60	0.0369	0.1334	35	-1.20	0.0146	0.4231
36	-1.00	0.0137	0.4395	36	-0.50	0.0480	0.1814	36	-1.00	0.0149	0.4380
37	-0.80	0.0151	0.4546	37	-0.40	0.0596	0.2410	37	-0.80	0.0154	0.4534
38	-0.60	0.0146	0.4692	38	-0.30	0.0690	0.3101	38	-0.60	0.0141	0.4675
39	-0.40	0.0143	0.4835	39	-0.20	0.0746	0.3847	39	-0.40	0.0145	0.4820
40	-0.20	0.0146	0.4981	40	-0.10	0.0804	0.4651	40	-0.20	0.0154	0.4974
41	0.	0.0158	0.5139	41	0.	0.0827	0.5478	41	0.	0.0145	0.5119
42	0.20	0.0146	0.5285	42	0.10	0.0784	0.6262	42	0.20	0.0151	0.5270
43	0.40	0.0137	0.5422	43	0.20	0.0694	0.6956	43	0.40	0.0132	0.5402
44	0.60	0.0145	0.5567	44	0.30	0.0655	0.7611	44	0.60	0.0155	0.5557
45	0.80	0.0168	0.5735	45	0.40	0.0517	0.8128	45	0.80	0.0144	0.5701
46	1.00	0.0143	0.5878	46	0.50	0.0397	0.8525	46	1.00	0.0150	0.5851
47	1.20	0.0141	0.6019	47	0.60	0.0299	0.8824	47	1.20	0.0152	0.6003
48	1.40	0.0177	0.6196	48	0.70	0.0253	0.9077	48	1.40	0.0176	0.6179
49	1.60	0.0163	0.6358	49	0.80	0.0198	0.9275	49	1.60	0.0167	0.6346
50	1.80	0.0158	0.6516	50	0.90	0.0143	0.9418	50	1.80	0.0165	0.6511
51	2.00	0.0158	0.6674	51	1.00	0.0115	0.9533	51	2.00	0.0170	0.6681
52	2.20	0.0183	0.6856	52	1.10	0.0101	0.9634	52	2.20	0.0191	0.6872
53	2.40	0.0170	0.7026	53	1.20	0.0075	0.9709	53	2.40	0.0170	0.7042
54	2.60	0.0206	0.7232	54	1.30	0.0064	0.9773	54	2.60	0.0198	0.7240
55	2.80	0.0214	0.7446	55	1.40	0.0048	0.9821	55	2.80	0.0193	0.7433
56	3.00	0.0219	0.7664	56	1.50	0.0038	0.9858	56	3.00	0.0187	0.7620
57	3.20	0.0221	0.7886	57	1.60	0.0035	0.9894	57	3.20	0.0213	0.7832
58	3.40	0.0230	0.8115	58	1.70	0.0025	0.9919	58	3.40	0.0227	0.8060
59	3.60	0.0239	0.8355	59	1.80	0.0013	0.9931	59	3.60	0.0248	0.8308
60	3.80	0.0228	0.8582	60	1.90	0.0020	0.9951	60	3.80	0.0213	0.8521
61	4.00	0.0232	0.8814	61	2.00	0.0012	0.9963	61	4.00	0.0204	0.8725
62	4.20	0.0181	0.8996	62	2.10	0.0008	0.9971	62	4.20	0.0190	0.8916
63	4.40	0.0183	0.9178	63	2.20	0.0007	0.9978	63	4.40	0.0190	0.9105
64	4.60	0.0162	0.9340	64	2.30	0.0006	0.9984	64	4.60	0.0171	0.9276
65	4.80	0.0163	0.9503	65	2.40	0.0004	0.9989	65	4.80	0.0157	0.9433
66	5.00	0.0122	0.9625	66	2.50	0.0003	0.9992	66	5.00	0.0129	0.9561
67	5.20	0.0098	0.9723	67	2.60	0.0002	0.9994	67	5.20	0.0101	0.9662
68	5.40	0.0069	0.9793	68	2.70	0.0003	0.9997	68	5.40	0.0079	0.9741
69	5.60	0.0062	0.9855	69	2.80	0.0001	0.9999	69	5.60	0.0074	0.9815
70	5.80	0.0045	0.9900	70	2.90	0.0001	0.9999	70	5.80	0.0052	0.9867
71	6.00	0.0030	0.9930	71	3.00	0.0001	1.0000	71	6.00	0.0039	0.9906
72	6.20	0.0028	0.9958	72	3.10	0.	1.0000	72	6.20	0.0031	0.9937
73	6.40	0.0019	0.9977	73	3.20	0.	1.0000	73	6.40	0.0021	0.9958
74	6.60	0.0016	0.9993	74	3.30	0.	1.0000	74	6.60	0.0014	0.9972
75	6.80	0.0006	0.9999	75	3.40	0.	1.0000	75	6.80	0.0013	0.9986
76	7.00	0.0001	1.0000	76	3.50	0.	1.0000	76	7.00	0.0007	0.9993
77	7.20	0.	1.0000	77	3.60	0.	1.0000	77	7.20	0.0003	0.9997
78	7.40	0.	1.0000	78	3.70	0.	1.0000	78	7.40	0.	0.9997
79	7.60	0.	1.0000	79	3.80	0.	1.0000	79	7.60	0.0001	0.9997
80	7.80	0.	1.0000	80	3.90	0.	1.0000	80	7.80	0.0001	0.9998
81	8.00	0.	1.0000	81	4.00	0.	1.0000	81	8.00	0.0001	0.9999

I - INTERVAL NUMBER X - INTERVAL CENTER VALUE

P(X) - PROBABILITY MASS FUNCTION F(X) - CUMULATIVE DISTRIBUTION FUNCTION

BOSTON MASS.

STATISTICS FOR FEBRUARY

ASTRONOMICAL TIDE				STORM SURGE				TOTAL WATER LEVEL			
MEAN-0.13		STND DEV 3.41		MEAN 0.00		STND DEV 0.56		MEAN-0.12		STND DEV 3.45	
I	X	P(X)	F(X)	I	X	P(X)	F(X)	I	X	P(X)	F(X)
1	-8.00	0.	0.	1	-4.00	0.	0.	1	-8.00	0.0001	0.0001
2	-7.80	0.	0.	2	-3.90	0.	0.	2	-7.80	0.0001	0.0002
3	-7.60	0.	0.	3	-3.80	0.	0.	3	-7.60	0.0005	0.0007
4	-7.40	0.	0.	4	-3.70	0.	0.	4	-7.40	0.0004	0.0011
5	-7.20	0.0002	0.0002	5	-3.60	0.	0.	5	-7.20	0.0011	0.0022
6	-7.00	0.0007	0.0009	6	-3.50	0.	0.	6	-7.00	0.0013	0.0035
7	-6.80	0.0014	0.0023	7	-3.40	0.	0.	7	-6.80	0.0027	0.0062
8	-6.60	0.0018	0.0041	8	-3.30	0.	0.	8	-6.60	0.0045	0.0107
9	-6.40	0.0039	0.0080	9	-3.20	0.	0.	9	-6.40	0.0038	0.0145
10	-6.20	0.0047	0.0127	10	-3.10	0.	0.	10	-6.20	0.0060	0.0205
11	-6.00	0.0069	0.0195	11	-3.00	0.	0.	11	-6.00	0.0057	0.0262
12	-5.80	0.0064	0.0260	12	-2.90	0.	0.	12	-5.80	0.0063	0.0325
13	-5.60	0.0089	0.0348	13	-2.80	0.	0.	13	-5.60	0.0096	0.0421
14	-5.40	0.0105	0.0453	14	-2.70	0.	0.	14	-5.40	0.0125	0.0546
15	-5.20	0.0145	0.0597	15	-2.60	0.	0.	15	-5.20	0.0136	0.0683
16	-5.00	0.0162	0.0760	16	-2.50	0.	0.	16	-5.00	0.0148	0.0830
17	-4.80	0.0173	0.0932	17	-2.40	0.	0.	17	-4.80	0.0182	0.1012
18	-4.60	0.0201	0.1134	18	-2.30	0.	0.	18	-4.60	0.0188	0.1200
19	-4.40	0.0210	0.1344	19	-2.20	0.0001	0.0001	19	-4.40	0.0190	0.1390
20	-4.20	0.0229	0.1572	20	-2.10	0.0001	0.0002	20	-4.20	0.0202	0.1592
21	-4.00	0.0227	0.1799	21	-2.00	0.	0.0002	21	-4.00	0.0194	0.1786
22	-3.80	0.0227	0.2027	22	-1.90	0.0002	0.0003	22	-3.80	0.0192	0.1978
23	-3.60	0.0214	0.2240	23	-1.80	0.0004	0.0007	23	-3.60	0.0217	0.2195
24	-3.40	0.0207	0.2448	24	-1.70	0.0009	0.0016	24	-3.40	0.0191	0.2387
25	-3.20	0.0198	0.2646	25	-1.60	0.0013	0.0030	25	-3.20	0.0203	0.2590
26	-3.00	0.0187	0.2833	26	-1.50	0.0019	0.0049	26	-3.00	0.0205	0.2795
27	-2.80	0.0181	0.3014	27	-1.40	0.0028	0.0077	27	-2.80	0.0178	0.2973
28	-2.60	0.0175	0.3189	28	-1.30	0.0032	0.0109	28	-2.60	0.0148	0.3121
29	-2.40	0.0139	0.3327	29	-1.20	0.0074	0.0183	29	-2.40	0.0168	0.3290
30	-2.20	0.0163	0.3490	30	-1.10	0.0079	0.0262	30	-2.20	0.0163	0.3453
31	-2.00	0.0164	0.3654	31	-1.00	0.0132	0.0394	31	-2.00	0.0176	0.3628
32	-1.80	0.0150	0.3803	32	-0.90	0.0162	0.0556	32	-1.80	0.0157	0.3786
33	-1.60	0.0141	0.3945	33	-0.80	0.0229	0.0785	33	-1.60	0.0167	0.3952
34	-1.40	0.0150	0.4096	34	-0.70	0.0276	0.1061	34	-1.40	0.0150	0.4102
35	-1.20	0.0165	0.4261	35	-0.60	0.0348	0.1409	35	-1.20	0.0166	0.4268
36	-1.00	0.0139	0.4400	36	-0.50	0.0417	0.1826	36	-1.00	0.0138	0.4406
37	-0.80	0.0150	0.4551	37	-0.40	0.0584	0.2410	37	-0.80	0.0142	0.4548
38	-0.60	0.0148	0.4699	38	-0.30	0.0695	0.3104	38	-0.60	0.0145	0.4692
39	-0.40	0.0139	0.4839	39	-0.20	0.0779	0.3884	39	-0.40	0.0151	0.4843
40	-0.20	0.0131	0.4969	40	-0.10	0.0852	0.4735	40	-0.20	0.0145	0.4988
41	0.	0.0162	0.5131	41	0.	0.0829	0.5564	41	0.	0.0139	0.5128
42	0.20	0.0141	0.5271	42	0.10	0.0799	0.6363	42	0.20	0.0157	0.5285
43	0.40	0.0148	0.5419	43	0.20	0.0690	0.7052	43	0.40	0.0131	0.5415
44	0.60	0.0161	0.5580	44	0.30	0.0588	0.7640	44	0.60	0.0165	0.5580
45	0.80	0.0163	0.5743	45	0.40	0.0504	0.8144	45	0.80	0.0156	0.5736
46	1.00	0.0142	0.5884	46	0.50	0.0471	0.8615	46	1.00	0.0145	0.5880
47	1.20	0.0139	0.6024	47	0.60	0.0338	0.8953	47	1.20	0.0166	0.6046
48	1.40	0.0153	0.6176	48	0.70	0.0260	0.9213	48	1.40	0.0161	0.6207
49	1.60	0.0159	0.6336	49	0.80	0.0198	0.9411	49	1.60	0.0165	0.6372
50	1.80	0.0182	0.6518	50	0.90	0.0119	0.9529	50	1.80	0.0151	0.6522
51	2.00	0.0174	0.6692	51	1.00	0.0111	0.9640	51	2.00	0.0195	0.6717
52	2.20	0.0180	0.6872	52	1.10	0.0073	0.9712	52	2.20	0.0163	0.6880
53	2.40	0.0186	0.7058	53	1.20	0.0064	0.9776	53	2.40	0.0167	0.7047
54	2.60	0.0173	0.7231	54	1.30	0.0061	0.9837	54	2.60	0.0191	0.7238
55	2.80	0.0213	0.7444	55	1.40	0.0031	0.9868	55	2.80	0.0215	0.7453
56	3.00	0.0224	0.7668	56	1.50	0.0019	0.9887	56	3.00	0.0213	0.7665
57	3.20	0.0210	0.7878	57	1.60	0.0023	0.9910	57	3.20	0.0217	0.7882
58	3.40	0.0218	0.8097	58	1.70	0.0015	0.9925	58	3.40	0.0206	0.8088
59	3.60	0.0226	0.8322	59	1.80	0.0016	0.9941	59	3.60	0.0217	0.8304
60	3.80	0.0227	0.8549	60	1.90	0.0010	0.9951	60	3.80	0.0205	0.8510
61	4.00	0.0209	0.8758	61	2.00	0.0008	0.9959	61	4.00	0.0208	0.8717
62	4.20	0.0205	0.8963	62	2.10	0.0006	0.9965	62	4.20	0.0207	0.8924
63	4.40	0.0191	0.9154	63	2.20	0.0007	0.9972	63	4.40	0.0177	0.9101
64	4.60	0.0168	0.9322	64	2.30	0.0006	0.9978	64	4.60	0.0144	0.9245
65	4.80	0.0134	0.9456	65	2.40	0.0004	0.9982	65	4.80	0.0137	0.9382
66	5.00	0.0132	0.9588	66	2.50	0.0004	0.9985	66	5.00	0.0134	0.9517
67	5.20	0.0105	0.9693	67	2.60	0.0002	0.9987	67	5.20	0.0122	0.9639
68	5.40	0.0086	0.9780	68	2.70	0.0002	0.9988	68	5.40	0.0088	0.9727
69	5.60	0.0068	0.9847	69	2.80	0.0004	0.9993	69	5.60	0.0080	0.9807
70	5.80	0.0055	0.9903	70	2.90	0.0001	0.9993	70	5.80	0.0052	0.9859
71	6.00	0.0041	0.9944	71	3.00	0.0002	0.9995	71	6.00	0.0037	0.9896
72	6.20	0.0027	0.9971	72	3.10	0.0002	0.9996	72	6.20	0.0034	0.9930
73	6.40	0.0017	0.9988	73	3.20	0.0001	0.9997	73	6.40	0.0021	0.9951
74	6.60	0.0010	0.9997	74	3.30	0.0002	0.9998	74	6.60	0.0014	0.9965
75	6.80	0.0003	1.0000	75	3.40	0.0001	0.9999	75	6.80	0.0015	0.9980
76	7.00	0.	1.0000	76	3.50	0.0001	1.0000	76	7.00	0.0010	0.9990
77	7.20	0.	1.0000	77	3.60	0.	1.0000	77	7.20	0.0005	0.9996
78	7.40	0.	1.0000	78	3.70	0.	1.0000	78	7.40	0.0001	0.9996
79	7.60	0.	1.0000	79	3.80	0.	1.0000	79	7.60	0.0003	0.9999
80	7.80	0.	1.0000	80	3.90	0.	1.0000	80	7.80	0.0001	1.0000
81	8.00	0.	1.0000	81	4.00	0.	1.0000	81	8.00	0.	1.0000

I - INTERVAL NUMBER X - INTERVAL CENTER VALUE

P(X) - PROBABILITY MASS FUNCTION F(X) - CUMULATIVE DISTRIBUTION FUNCTION

BOSTON MASS.

STATISTICS FOR MARCH

ASTRONOMICAL TIDE				STORM SURGE				TOTAL WATER LEVEL			
MEAN-0.07 STND DEV 3.40				MEAN 0.08 STND DEV 0.55				MEAN 0.01 STND DEV 3.44			
I	X	P(X)	F(X)	I	X	P(X)	F(X)	I	X	P(X)	F(X)
1	-8.00	0.	0.	1	-4.00	0.	0.	1	-8.00	0.	0.
2	-7.80	0.	0.	2	-3.90	0.	0.	2	-7.80	0.	0.
3	-7.60	0.	0.	3	-3.80	0.	0.	3	-7.60	0.0001	0.0001
4	-7.40	0.	0.	4	-3.70	0.	0.	4	-7.40	0.0005	0.0005
5	-7.20	0.0001	0.0001	5	-3.60	0.	0.	5	-7.20	0.0011	0.0017
6	-7.00	0.0007	0.0007	6	-3.50	0.	0.	6	-7.00	0.0013	0.0030
7	-6.80	0.0013	0.0020	7	-3.40	0.	0.	7	-6.80	0.0028	0.0058
8	-6.60	0.0020	0.0040	8	-3.30	0.	0.	8	-6.60	0.0034	0.0092
9	-6.40	0.0031	0.0071	9	-3.20	0.	0.	9	-6.40	0.0038	0.0130
10	-6.20	0.0041	0.0112	10	-3.10	0.	0.	10	-6.20	0.0051	0.0181
11	-6.00	0.0058	0.0170	11	-3.00	0.	0.	11	-6.00	0.0041	0.0222
12	-5.80	0.0067	0.0237	12	-2.90	0.	0.	12	-5.80	0.0071	0.0293
13	-5.60	0.0068	0.0305	13	-2.80	0.	0.	13	-5.60	0.0088	0.0381
14	-5.40	0.0102	0.0407	14	-2.70	0.	0.	14	-5.40	0.0103	0.0484
15	-5.20	0.0130	0.0537	15	-2.60	0.	0.	15	-5.20	0.0110	0.0593
16	-5.00	0.0164	0.0701	16	-2.50	0.	0.	16	-5.00	0.0139	0.0733
17	-4.80	0.0195	0.0896	17	-2.40	0.	0.	17	-4.80	0.0170	0.0903
18	-4.60	0.0200	0.1095	18	-2.30	0.	0.	18	-4.60	0.0173	0.1076
19	-4.40	0.0187	0.1282	19	-2.20	0.	0.	19	-4.40	0.0177	0.1253
20	-4.20	0.0219	0.1501	20	-2.10	0.0001	0.0001	20	-4.20	0.0192	0.1446
21	-4.00	0.0220	0.1722	21	-2.00	0.0001	0.0001	21	-4.00	0.0190	0.1635
22	-3.80	0.0230	0.1952	22	-1.90	0.0001	0.0002	22	-3.80	0.0193	0.1828
23	-3.60	0.0222	0.2173	23	-1.80	0.0002	0.0004	23	-3.60	0.0204	0.2032
24	-3.40	0.0206	0.2379	24	-1.70	0.0003	0.0007	24	-3.40	0.0191	0.2223
25	-3.20	0.0200	0.2579	25	-1.60	0.0004	0.0011	25	-3.20	0.0207	0.2430
26	-3.00	0.0180	0.2759	26	-1.50	0.0006	0.0017	26	-3.00	0.0217	0.2647
27	-2.80	0.0179	0.2938	27	-1.40	0.0019	0.0036	27	-2.80	0.0175	0.2823
28	-2.60	0.0173	0.3112	28	-1.30	0.0025	0.0061	28	-2.60	0.0180	0.3003
29	-2.40	0.0163	0.3274	29	-1.20	0.0044	0.0104	29	-2.40	0.0183	0.3186
30	-2.20	0.0177	0.3451	30	-1.10	0.0054	0.0158	30	-2.20	0.0163	0.3349
31	-2.00	0.0147	0.3597	31	-1.00	0.0087	0.0245	31	-2.00	0.0155	0.3503
32	-1.80	0.0143	0.3741	32	-0.90	0.0108	0.0354	32	-1.80	0.0153	0.3656
33	-1.60	0.0159	0.3899	33	-0.80	0.0151	0.0505	33	-1.60	0.0169	0.3825
34	-1.40	0.0160	0.4059	34	-0.70	0.0225	0.0729	34	-1.40	0.0156	0.3981
35	-1.20	0.0149	0.4208	35	-0.60	0.0270	0.0999	35	-1.20	0.0170	0.4151
36	-1.00	0.0149	0.4357	36	-0.50	0.0422	0.1421	36	-1.00	0.0148	0.4298
37	-0.80	0.0136	0.4493	37	-0.40	0.0511	0.1933	37	-0.80	0.0143	0.4442
38	-0.60	0.0143	0.4636	38	-0.30	0.0609	0.2542	38	-0.60	0.0143	0.4584
39	-0.40	0.0150	0.4786	39	-0.20	0.0713	0.3255	39	-0.40	0.0129	0.4713
40	-0.20	0.0146	0.4932	40	-0.10	0.0838	0.4093	40	-0.20	0.0163	0.4876
41	0.	0.0163	0.5095	41	0.	0.0863	0.4956	41	0.	0.0159	0.5034
42	0.20	0.0149	0.5243	42	0.10	0.0951	0.5907	42	0.20	0.0146	0.5180
43	0.40	0.0139	0.5382	43	0.20	0.0813	0.6719	43	0.40	0.0143	0.5323
44	0.60	0.0132	0.5515	44	0.30	0.0765	0.7484	44	0.60	0.0153	0.5477
45	0.80	0.0145	0.5660	45	0.40	0.0559	0.8043	45	0.80	0.0147	0.5624
46	1.00	0.0175	0.5835	46	0.50	0.0454	0.8497	46	1.00	0.0173	0.5797
47	1.20	0.0153	0.5987	47	0.60	0.0323	0.8821	47	1.20	0.0154	0.5951
48	1.40	0.0179	0.6166	48	0.70	0.0261	0.9082	48	1.40	0.0147	0.6097
49	1.60	0.0143	0.6309	49	0.80	0.0191	0.9273	49	1.60	0.0137	0.6235
50	1.80	0.0151	0.6460	50	0.90	0.0142	0.9415	50	1.80	0.0149	0.6384
51	2.00	0.0161	0.6620	51	1.00	0.0115	0.9530	51	2.00	0.0180	0.6564
52	2.20	0.0184	0.6804	52	1.10	0.0100	0.9630	52	2.20	0.0182	0.6745
53	2.40	0.0195	0.6999	53	1.20	0.0068	0.9698	53	2.40	0.0206	0.6951
54	2.60	0.0198	0.7196	54	1.30	0.0065	0.9762	54	2.60	0.0182	0.7132
55	2.80	0.0188	0.7384	55	1.40	0.0052	0.9794	55	2.80	0.0202	0.7334
56	3.00	0.0222	0.7606	56	1.50	0.0041	0.9835	56	3.00	0.0182	0.7516
57	3.20	0.0209	0.7815	57	1.60	0.0031	0.9866	57	3.20	0.0227	0.7743
58	3.40	0.0214	0.8029	58	1.70	0.0020	0.9886	58	3.40	0.0185	0.7927
59	3.60	0.0233	0.8262	59	1.80	0.0023	0.9909	59	3.60	0.0230	0.8157
60	3.80	0.0219	0.8481	60	1.90	0.0018	0.9927	60	3.80	0.0186	0.8343
61	4.00	0.0221	0.8702	61	2.00	0.0021	0.9948	61	4.00	0.0209	0.8552
62	4.20	0.0213	0.8915	62	2.10	0.0011	0.9959	62	4.20	0.0231	0.8783
63	4.40	0.0196	0.9111	63	2.20	0.0011	0.9970	63	4.40	0.0209	0.8992
64	4.60	0.0196	0.9307	64	2.30	0.0007	0.9978	64	4.60	0.0193	0.9185
65	4.80	0.0148	0.9455	65	2.40	0.0005	0.9983	65	4.80	0.0141	0.9325
66	5.00	0.0141	0.9595	66	2.50	0.0001	0.9984	66	5.00	0.0163	0.9489
67	5.20	0.0097	0.9693	67	2.60	0.0002	0.9986	67	5.20	0.0116	0.9604
68	5.40	0.0086	0.9779	68	2.70	0.0002	0.9988	68	5.40	0.0103	0.9707
69	5.60	0.0068	0.9847	69	2.80	0.0002	0.9990	69	5.60	0.0091	0.9798
70	5.80	0.0050	0.9897	70	2.90	0.0001	0.9991	70	5.80	0.0068	0.9866
71	6.00	0.0044	0.9940	71	3.00	0.0001	0.9992	71	6.00	0.0051	0.9917
72	6.20	0.0025	0.9965	72	3.10	0.0001	0.9993	72	6.20	0.0025	0.9942
73	6.40	0.0021	0.9987	73	3.20	0.0001	0.9994	73	6.40	0.0020	0.9962
74	6.60	0.0011	0.9997	74	3.30	0.0002	0.9996	74	6.60	0.0017	0.9979
75	6.80	0.0003	1.0000	75	3.40	0.	0.9996	75	6.80	0.0006	0.9985
76	7.00	0.	1.0000	76	3.50	0.0003	0.9999	76	7.00	0.0005	0.9990
77	7.20	0.	1.0000	77	3.60	0.0001	1.0000	77	7.20	0.0002	0.9992
78	7.40	0.	1.0000	78	3.70	0.	1.0000	78	7.40	0.0002	0.9994
79	7.60	0.	1.0000	79	3.80	0.	1.0000	79	7.60	0.0003	0.9997
80	7.80	0.	1.0000	80	3.90	0.	1.0000	80	7.80	0.0001	0.9998
81	8.00	0.	1.0000	81	4.00	0.	1.0000	81	8.00	0.0001	0.9999

I - INTERVAL NUMBER X - INTERVAL CENTER VALUE

P(X) - PROBABILITY MASS FUNCTION F(X) - CUMULATIVE DISTRIBUTION FUNCTION

BOSTON MASS.

STATISTICS FOR APRIL

	ASTRONOMICAL TIDE			STORM SURGE			TOTAL WATER LEVEL		
	MEAN 0.00	STND DEV 3.40		MEAN-0.02	STND DEV 0.43		MEAN-0.01	STND DEV 3.42	
I	X	P(X)	F(X)	X	P(X)	F(X)	X	P(X)	F(X)
1	-8.00	0.	0.	-4.00	0.	0.	-8.00	0.	0.
2	-7.80	0.	0.	-3.90	0.	0.	-7.80	0.0002	0.0002
3	-7.60	0.	0.	-3.80	0.	0.	-7.60	0.0003	0.0004
4	-7.40	0.	0.	-3.70	0.	0.	-7.40	0.0007	0.0011
5	-7.20	0.0003	0.0003	-3.60	0.	0.	-7.20	0.0011	0.0023
6	-7.00	0.0010	0.0013	-3.50	0.	0.	-7.00	0.0012	0.0035
7	-6.80	0.0010	0.0023	-3.40	0.	0.	-6.80	0.0019	0.0054
8	-6.60	0.0019	0.0043	-3.30	0.	0.	-6.60	0.0021	0.0075
9	-6.40	0.0027	0.0069	-3.20	0.	0.	-6.40	0.0031	0.0106
10	-6.20	0.0037	0.0107	-3.10	0.	0.	-6.20	0.0043	0.0149
11	-6.00	0.0049	0.0155	-3.00	0.	0.	-6.00	0.0059	0.0208
12	-5.80	0.0054	0.0209	-2.90	0.	0.	-5.80	0.0077	0.0285
13	-5.60	0.0074	0.0283	-2.80	0.	0.	-5.60	0.0088	0.0373
14	-5.40	0.0089	0.0372	-2.70	0.	0.	-5.40	0.0086	0.0459
15	-5.20	0.0122	0.0494	-2.60	0.	0.	-5.20	0.0115	0.0574
16	-5.00	0.0154	0.0648	-2.50	0.	0.	-5.00	0.0139	0.0713
17	-4.80	0.0174	0.0821	-2.40	0.	0.	-4.80	0.0168	0.0881
18	-4.60	0.0192	0.1013	-2.30	0.	0.	-4.60	0.0183	0.1064
19	-4.40	0.0200	0.1213	-2.20	0.	0.	-4.40	0.0194	0.1258
20	-4.20	0.0209	0.1422	-2.10	0.	0.	-4.20	0.0185	0.1443
21	-4.00	0.0222	0.1644	-2.00	0.	0.	-4.00	0.0217	0.1660
22	-3.80	0.0224	0.1868	-1.90	0.	0.	-3.80	0.0200	0.1860
23	-3.60	0.0208	0.2076	-1.80	0.	0.	-3.60	0.0206	0.2066
24	-3.40	0.0202	0.2278	-1.70	0.	0.	-3.40	0.0190	0.2256
25	-3.20	0.0239	0.2517	-1.60	0.	0.	-3.20	0.0210	0.2465
26	-3.00	0.0189	0.2706	-1.50	0.0001	0.0001	-3.00	0.0194	0.2659
27	-2.80	0.0181	0.2887	-1.40	0.0002	0.0003	-2.80	0.0159	0.2818
28	-2.60	0.0146	0.3033	-1.30	0.0001	0.0003	-2.60	0.0202	0.3020
29	-2.40	0.0172	0.3205	-1.20	0.0004	0.0008	-2.40	0.0167	0.3187
30	-2.20	0.0163	0.3368	-1.10	0.0008	0.0016	-2.20	0.0189	0.3376
31	-2.00	0.0153	0.3521	-1.00	0.0034	0.0050	-2.00	0.0171	0.3546
32	-1.80	0.0182	0.3703	-0.90	0.0050	0.0099	-1.80	0.0156	0.3702
33	-1.60	0.0166	0.3869	-0.80	0.0124	0.0224	-1.60	0.0143	0.3845
34	-1.40	0.0148	0.4017	-0.70	0.0203	0.0427	-1.40	0.0145	0.3990
35	-1.20	0.0116	0.4132	-0.60	0.0348	0.0775	-1.20	0.0152	0.4142
36	-1.00	0.0147	0.4279	-0.50	0.0543	0.1318	-1.00	0.0135	0.4277
37	-0.80	0.0164	0.4443	-0.40	0.0751	0.2069	-0.80	0.0162	0.4439
38	-0.60	0.0152	0.4595	-0.30	0.0926	0.2994	-0.60	0.0158	0.4597
39	-0.40	0.0137	0.4732	-0.20	0.1017	0.4011	-0.40	0.0156	0.4753
40	-0.20	0.0155	0.4887	-0.10	0.1053	0.5064	-0.20	0.0149	0.4902
41	0.	0.0142	0.5030	0.	0.1011	0.6074	0.	0.0144	0.5045
42	0.20	0.0143	0.5173	0.10	0.0870	0.6944	0.20	0.0144	0.5189
43	0.40	0.0141	0.5313	0.20	0.0773	0.7718	0.40	0.0151	0.5340
44	0.60	0.0171	0.5484	0.30	0.0613	0.8331	0.60	0.0143	0.5483
45	0.80	0.0150	0.5635	0.40	0.0477	0.8807	0.80	0.0147	0.5630
46	1.00	0.0143	0.5778	0.50	0.0344	0.9151	1.00	0.0154	0.5784
47	1.20	0.0150	0.5928	0.60	0.0251	0.9402	1.20	0.0167	0.5951
48	1.40	0.0148	0.6076	0.70	0.0172	0.9574	1.40	0.0160	0.6111
49	1.60	0.0166	0.6242	0.80	0.0111	0.9685	1.60	0.0152	0.6263
50	1.80	0.0163	0.6405	0.90	0.0074	0.9759	1.80	0.0158	0.6421
51	2.00	0.0164	0.6569	1.00	0.0051	0.9810	2.00	0.0179	0.6601
52	2.20	0.0157	0.6727	1.10	0.0030	0.9839	2.20	0.0183	0.6783
53	2.40	0.0178	0.6905	1.20	0.0030	0.9870	2.40	0.0161	0.6944
54	2.60	0.0195	0.7100	1.30	0.0025	0.9895	2.60	0.0192	0.7136
55	2.80	0.0207	0.7306	1.40	0.0022	0.9917	2.80	0.0203	0.7340
56	3.00	0.0217	0.7523	1.50	0.0018	0.9935	3.00	0.0215	0.7555
57	3.20	0.0197	0.7721	1.60	0.0013	0.9948	3.20	0.0200	0.7755
58	3.40	0.0226	0.7946	1.70	0.0013	0.9961	3.40	0.0209	0.7964
59	3.60	0.0244	0.8190	1.80	0.0008	0.9969	3.60	0.0236	0.8199
60	3.80	0.0221	0.8412	1.90	0.0001	0.9970	3.80	0.0229	0.8428
61	4.00	0.0235	0.8647	2.00	0.0007	0.9976	4.00	0.0211	0.8640
62	4.20	0.0220	0.8866	2.10	0.0008	0.9984	4.20	0.0228	0.8867
63	4.40	0.0213	0.9079	2.20	0.0006	0.9990	4.40	0.0188	0.9055
64	4.60	0.0187	0.9266	2.30	0.0003	0.9993	4.60	0.0203	0.9258
65	4.80	0.0162	0.9428	2.40	0.0004	0.9997	4.80	0.0160	0.9418
66	5.00	0.0160	0.9588	2.50	0.0003	1.0000	5.00	0.0124	0.9542
67	5.20	0.0085	0.9673	2.60	0.	1.0000	5.20	0.0117	0.9659
68	5.40	0.0083	0.9756	2.70	0.	1.0000	5.40	0.0093	0.9752
69	5.60	0.0069	0.9825	2.80	0.	1.0000	5.60	0.0055	0.9807
70	5.80	0.0053	0.9878	2.90	0.	1.0000	5.80	0.0049	0.9856
71	6.00	0.0036	0.9913	3.00	0.	1.0000	6.00	0.0039	0.9895
72	6.20	0.0033	0.9946	3.10	0.	1.0000	6.20	0.0030	0.9925
73	6.40	0.0021	0.9967	3.20	0.	1.0000	6.40	0.0021	0.9946
74	6.60	0.0019	0.9986	3.30	0.	1.0000	6.60	0.0016	0.9962
75	6.80	0.0009	0.9995	3.40	0.	1.0000	6.80	0.0007	0.9969
76	7.00	0.0004	0.9999	3.50	0.	1.0000	7.00	0.0009	0.9977
77	7.20	0.0001	1.0000	3.60	0.	1.0000	7.20	0.0010	0.9987
78	7.40	0.	1.0000	3.70	0.	1.0000	7.40	0.0005	0.9992
79	7.60	0.	1.0000	3.80	0.	1.0000	7.60	0.0003	0.9995
80	7.80	0.	1.0000	3.90	0.	1.0000	7.80	0.0003	0.9997
81	8.00	0.	1.0000	4.00	0.	1.0000	8.00	0.0002	0.9999

I - INTERVAL NUMBER X - INTERVAL CENTER VALUE

P(X) - PROBABILITY MASS FUNCTION F(X) - CUMULATIVE DISTRIBUTION FUNCTION

BOSTON MASS.

STATISTICS FOR MAY

ASTRONOMICAL TIDE				STORM SURGE				TOTAL WATER LEVEL			
MEAN 0.05		STND DEV 3.40		MEAN-0.01		STND DEV 0.33		MEAN 0.04		STND DEV 3.41	
I	X	P(X)	F(X)	I	X	P(X)	F(X)	I	X	P(X)	F(X)
1	-8.00	0.	0.	1	-4.00	0.	0.	1	-8.00	0.	0.
2	-7.80	0	0.	2	-3.90	0.	0.	2	-7.80	0.0002	0.0002
3	-7.60	0.	0.	3	-3.80	0.	0.	3	-7.60	0.0002	0.0003
4	-7.40	0.	0.	4	-3.70	0.	0.	4	-7.40	0.0005	0.0010
5	-7.20	0.0001	0.0001	5	-3.60	0.	0.	5	-7.20	0.0008	0.0018
6	-7.00	0.0009	0.0010	6	-3.50	0.	0.	6	-7.00	0.0009	0.0027
7	-6.80	0.0013	0.0022	7	-3.40	0.	0.	7	-6.80	0.0018	0.0045
8	-6.60	0.0019	0.0041	8	-3.30	0.	0.	8	-6.60	0.0017	0.0062
9	-6.40	0.0018	0.0059	9	-3.20	0.	0.	9	-6.40	0.0026	0.0089
10	-6.20	0.0034	0.0093	10	-3.10	0.	0.	10	-6.20	0.0038	0.0126
11	-6.00	0.0042	0.0134	11	-3.00	0.	0.	11	-6.00	0.0041	0.0167
12	-5.80	0.0050	0.0184	12	-2.90	0.	0.	12	-5.80	0.0059	0.0227
13	-5.60	0.0073	0.0258	13	-2.80	0.	0.	13	-5.60	0.0079	0.0306
14	-5.40	0.0082	0.0340	14	-2.70	0.	0.	14	-5.40	0.0100	0.0405
15	-5.20	0.0132	0.0472	15	-2.60	0.	0.	15	-5.20	0.0123	0.0529
16	-5.00	0.0136	0.0608	16	-2.50	0.	0.	16	-5.00	0.0136	0.0664
17	-4.80	0.0146	0.0754	17	-2.40	0.	0.	17	-4.80	0.0152	0.0816
18	-4.60	0.0175	0.0929	18	-2.30	0.	0.	18	-4.60	0.0176	0.0993
19	-4.40	0.0218	0.1147	19	-2.20	0.	0.	19	-4.40	0.0204	0.1197
20	-4.20	0.0211	0.1358	20	-2.10	0.	0.	20	-4.20	0.0188	0.1384
21	-4.00	0.0235	0.1592	21	-2.00	0.	0.	21	-4.00	0.0197	0.1582
22	-3.80	0.0243	0.1835	22	-1.90	0.	0.	22	-3.80	0.0197	0.1779
23	-3.60	0.0211	0.2046	23	-1.80	0.	0.	23	-3.60	0.0239	0.2018
24	-3.40	0.0218	0.2264	24	-1.70	0.	0.	24	-3.40	0.0219	0.2237
25	-3.20	0.0191	0.2455	25	-1.60	0.	0.	25	-3.20	0.0204	0.2441
26	-3.00	0.0211	0.2666	26	-1.50	0.	0.	26	-3.00	0.0183	0.2625
27	-2.80	0.0194	0.2860	27	-1.40	0.	0.	27	-2.80	0.0180	0.2805
28	-2.60	0.0166	0.3026	28	-1.30	0.	0.	28	-2.60	0.0191	0.2996
29	-2.40	0.0155	0.3182	29	-1.20	0.0002	0.0002	29	-2.40	0.0171	0.3167
30	-2.20	0.0164	0.3346	30	-1.10	0.0003	0.0005	30	-2.20	0.0159	0.3326
31	-2.00	0.0154	0.3500	31	-1.00	0.0014	0.0018	31	-2.00	0.0152	0.3478
32	-1.80	0.0161	0.3661	32	-0.90	0.0021	0.0039	32	-1.80	0.0160	0.3637
33	-1.60	0.0142	0.3803	33	-0.80	0.0050	0.0089	33	-1.60	0.0164	0.3802
34	-1.40	0.0155	0.3958	34	-0.70	0.0105	0.0194	34	-1.40	0.0158	0.3960
35	-1.20	0.0166	0.4125	35	-0.60	0.0232	0.0426	35	-1.20	0.0141	0.4101
36	-1.00	0.0139	0.4264	36	-0.50	0.0444	0.0870	36	-1.00	0.0149	0.4251
37	-0.20	0.0147	0.4411	37	-0.40	0.0664	0.1534	37	-0.80	0.0163	0.4414
38	-0.60	0.0149	0.4559	38	-0.30	0.0899	0.2434	38	-0.60	0.0164	0.4578
39	-0.40	0.0137	0.4696	39	-0.20	0.1032	0.3466	39	-0.40	0.0134	0.4713
40	-0.20	0.0155	0.4851	40	-0.10	0.1116	0.4583	40	-0.20	0.0141	0.4854
41	0.	0.0138	0.4990	41	0.	0.1258	0.5841	41	0.	0.0143	0.4997
42	0.20	0.0147	0.5137	42	0.10	0.1199	0.7040	42	0.20	0.0165	0.5162
43	0.40	0.0149	0.5286	43	0.20	0.0916	0.7956	43	0.40	0.0134	0.5296
44	0.60	0.0141	0.5427	44	0.30	0.0731	0.8687	44	0.60	0.0156	0.5452
45	0.80	0.0155	0.5582	45	0.40	0.0535	0.9222	45	0.80	0.0142	0.5594
46	1.00	0.0155	0.5737	46	0.50	0.0314	0.9536	46	1.00	0.0150	0.5744
47	1.20	0.0158	0.5895	47	0.60	0.0199	0.9735	47	1.20	0.0152	0.5896
48	1.40	0.0142	0.6036	48	0.70	0.0116	0.9851	48	1.40	0.0169	0.6065
49	1.60	0.0158	0.6193	49	0.80	0.0076	0.9926	49	1.60	0.0156	0.6221
50	1.80	0.0161	0.6354	50	0.90	0.0029	0.9955	50	1.80	0.0172	0.6393
51	2.00	0.0170	0.6524	51	1.00	0.0024	0.9979	51	2.00	0.0158	0.6551
52	2.20	0.0164	0.6690	52	1.10	0.0013	0.9992	52	2.20	0.0167	0.6719
53	2.40	0.0176	0.6865	53	1.20	0.0004	0.9996	53	2.40	0.0167	0.6885
54	2.60	0.0168	0.7033	54	1.30	0.0002	0.9998	54	2.60	0.0193	0.7078
55	2.80	0.0199	0.7233	55	1.40	0.0002	0.9999	55	2.80	0.0184	0.7262
56	3.00	0.0205	0.7437	56	1.50	0.0001	1.0000	56	3.00	0.0211	0.7473
57	3.20	0.0211	0.7649	57	1.60	0.	1.0000	57	3.20	0.0206	0.7679
58	3.40	0.0235	0.7883	58	1.70	0.	1.0000	58	3.40	0.0235	0.7914
59	3.60	0.0249	0.8132	59	1.80	0.	1.0000	59	3.60	0.0229	0.8143
60	3.80	0.0251	0.8383	60	1.90	0.	1.0000	60	3.80	0.0234	0.8376
61	4.00	0.0234	0.8616	61	2.00	0.	1.0000	61	4.00	0.0237	0.8613
62	4.20	0.0239	0.8855	62	2.10	0.	1.0000	62	4.20	0.0216	0.8829
63	4.40	0.0217	0.9073	63	2.20	0.	1.0000	63	4.40	0.0215	0.9044
64	4.60	0.0173	0.9246	64	2.30	0.	1.0000	64	4.60	0.0179	0.9223
65	4.80	0.0170	0.9416	65	2.40	0.	1.0000	65	4.80	0.0163	0.9386
66	5.00	0.0143	0.9559	66	2.50	0.	1.0000	66	5.00	0.0161	0.9547
67	5.20	0.0092	0.9651	67	2.60	0.	1.0000	67	5.20	0.0106	0.9653
68	5.40	0.0093	0.9744	68	2.70	0.	1.0000	68	5.40	0.0078	0.9731
69	5.60	0.0064	0.9807	69	2.80	0.	1.0000	69	5.60	0.0079	0.9810
70	5.80	0.0050	0.9857	70	2.90	0.	1.0000	70	5.80	0.0051	0.9861
71	6.00	0.0036	0.9893	71	3.00	0.	1.0000	71	6.00	0.0038	0.9899
72	6.20	0.0035	0.9928	72	3.10	0.	1.0000	72	6.20	0.0031	0.9930
73	6.40	0.0024	0.9952	73	3.20	0.	1.0000	73	6.40	0.0029	0.9959
74	6.60	0.0019	0.9972	74	3.30	0.	1.0000	74	6.60	0.0019	0.9978
75	6.80	0.0016	0.9988	75	3.40	0.	1.0000	75	6.80	0.0011	0.9988
76	7.00	0.0011	0.9998	76	3.50	0.	1.0000	76	7.00	0.0006	0.9994
77	7.20	0.0002	1.0000	77	3.60	0.	1.0000	77	7.20	0.0004	0.9998
78	7.40	0.	1.0000	78	3.70	0.	1.0000	78	7.40	0.0002	1.0000
79	7.60	0.	1.0000	79	3.80	0.	1.0000	79	7.60	0.	1.0000
80	7.80	0.	1.0000	80	3.90	0.	1.0000	80	7.80	0.	1.0000
81	8.00	0.	1.0000	81	4.00	0.	1.0000	81	8.00	0.	1.0000

I - INTERVAL NUMBER X - INTERVAL CENTER VALUE

P(X) - PROBABILITY MASS FUNCTION F(X) - CUMULATIVE DISTRIBUTION FUNCTION

BOSTON MASS.

STATISTICS FOR JUNE

ASTRONOMICAL TIDE				STORM SURGE				TOTAL WATER LEVEL			
MEAN 0.07		STND DEV 3.40		MEAN-0.03		STND DEV 0.26		MEAN 0.04		STND DEV 3.40	
I	X	P(X)	F(X)	I	X	P(X)	F(X)	I	X	P(X)	F(X)
1	-8.00	0.	0.	1	-4.00	0.	0.	1	-8.00	0.	0.
2	-7.80	0.	0.	2	-3.90	0.	0.	2	-7.80	0.	0.
3	-7.60	0.	0.	3	-3.80	0.	0.	3	-7.60	0.	0.
4	-7.40	0.	0.	4	-3.70	0.	0.	4	-7.40	0.	0.
5	-7.20	0.	0.	5	-3.60	0.	0.	5	-7.20	0.0003	0.0003
6	-7.00	0.0005	0.0005	6	-3.50	0.	0.	6	-7.00	0.0010	0.0013
7	-6.80	0.0010	0.0015	7	-3.40	0.	0.	7	-6.80	0.0018	0.0031
8	-6.60	0.0018	0.0033	8	-3.30	0.	0.	8	-6.60	0.0023	0.0053
9	-6.40	0.0020	0.0052	9	-3.20	0.	0.	9	-6.40	0.0016	0.0069
10	-6.20	0.0032	0.0084	10	-3.10	0.	0.	10	-6.20	0.0032	0.0101
11	-6.00	0.0034	0.0119	11	-3.00	0.	0.	11	-6.00	0.0042	0.0142
12	-5.80	0.0048	0.0167	12	-2.90	0.	0.	12	-5.80	0.0057	0.0199
13	-5.60	0.0076	0.0243	13	-2.80	0.	0.	13	-5.60	0.0075	0.0274
14	-5.40	0.0073	0.0315	14	-2.70	0.	0.	14	-5.40	0.0098	0.0372
15	-5.20	0.0097	0.0413	15	-2.60	0.	0.	15	-5.20	0.0115	0.0486
16	-5.00	0.0158	0.0570	16	-2.50	0.	0.	16	-5.00	0.0147	0.0634
17	-4.80	0.0176	0.0746	17	-2.40	0.	0.	17	-4.80	0.0158	0.0792
18	-4.60	0.0187	0.0933	18	-2.30	0.	0.	18	-4.60	0.0181	0.0972
19	-4.40	0.0199	0.1132	19	-2.20	0.	0.	19	-4.40	0.0207	0.1179
20	-4.20	0.0194	0.1325	20	-2.10	0.	0.	20	-4.20	0.0212	0.1391
21	-4.00	0.0242	0.1567	21	-2.00	0.	0.	21	-4.00	0.0218	0.1609
22	-3.80	0.0238	0.1805	22	-1.90	0.	0.	22	-3.80	0.0223	0.1832
23	-3.60	0.0248	0.2053	23	-1.80	0.	0.	23	-3.60	0.0237	0.2069
24	-3.40	0.0240	0.2293	24	-1.70	0.	0.	24	-3.40	0.0195	0.2264
25	-3.20	0.0215	0.2508	25	-1.60	0.	0.	25	-3.20	0.0192	0.2456
26	-3.00	0.0171	0.2679	26	-1.50	0.	0.	26	-3.00	0.0167	0.2623
27	-2.80	0.0164	0.2843	27	-1.40	0.0002	0.0002	27	-2.80	0.0204	0.2827
28	-2.60	0.0176	0.3019	28	-1.30	0.0001	0.0003	28	-2.60	0.0192	0.3019
29	-2.40	0.0177	0.3196	29	-1.20	0.0006	0.0008	29	-2.40	0.0166	0.3185
30	-2.20	0.0155	0.3351	30	-1.10	0.0005	0.0013	30	-2.20	0.0165	0.3350
31	-2.00	0.0152	0.3503	31	-1.00	0.0006	0.0019	31	-2.00	0.0160	0.3510
32	-1.80	0.0154	0.3657	32	-0.90	0.0007	0.0026	32	-1.80	0.0127	0.3637
33	-1.60	0.0140	0.3797	33	-0.80	0.0010	0.0036	33	-1.60	0.0153	0.3790
34	-1.40	0.0154	0.3951	34	-0.70	0.0037	0.0072	34	-1.40	0.0140	0.3930
35	-1.20	0.0150	0.4101	35	-0.60	0.0089	0.0161	35	-1.20	0.0164	0.4094
36	-1.00	0.0141	0.4243	36	-0.50	0.0257	0.0418	36	-1.00	0.0172	0.4266
37	-0.80	0.0163	0.4406	37	-0.40	0.0539	0.0957	37	-0.80	0.0155	0.4420
38	-0.60	0.0154	0.4560	38	-0.30	0.0968	0.1925	38	-0.60	0.0142	0.4563
39	-0.40	0.0130	0.4690	39	-0.20	0.1299	0.3224	39	-0.40	0.0136	0.4699
40	-0.20	0.0154	0.4843	40	-0.10	0.1538	0.4762	40	-0.20	0.0161	0.4859
41	0.	0.0139	0.4982	41	0.	0.1432	0.6194	41	0.	0.0138	0.4998
42	0.20	0.0128	0.5110	42	0.10	0.1352	0.7547	42	0.20	0.0144	0.5141
43	0.40	0.0150	0.5260	43	0.20	0.1030	0.8576	43	0.40	0.0144	0.5285
44	0.60	0.0168	0.5427	44	0.30	0.0687	0.9263	44	0.60	0.0154	0.5439
45	0.80	0.0133	0.5561	45	0.40	0.0368	0.9631	45	0.80	0.0178	0.5617
46	1.00	0.0176	0.5736	46	0.50	0.0195	0.9826	46	1.00	0.0140	0.5757
47	1.20	0.0136	0.5872	47	0.60	0.0094	0.9920	47	1.20	0.0158	0.5915
48	1.40	0.0158	0.6029	48	0.70	0.0049	0.9969	48	1.40	0.0126	0.6040
49	1.60	0.0146	0.6176	49	0.80	0.0021	0.9990	49	1.60	0.0159	0.6199
50	1.80	0.0166	0.6342	50	0.90	0.0008	0.9998	50	1.80	0.0164	0.6363
51	2.00	0.0159	0.6500	51	1.00	0.0003	1.0000	51	2.00	0.0169	0.6532
52	2.20	0.0145	0.6645	52	1.10	0.	1.0000	52	2.20	0.0162	0.6694
53	2.40	0.0193	0.6838	53	1.20	0.	1.0000	53	2.40	0.0188	0.6882
54	2.60	0.0186	0.7014	54	1.30	0.	1.0000	54	2.60	0.0163	0.7045
55	2.80	0.0198	0.7212	55	1.40	0.	1.0000	55	2.80	0.0202	0.7247
56	3.00	0.0188	0.7400	56	1.50	0.	1.0000	56	3.00	0.0191	0.7439
57	3.20	0.0221	0.7620	57	1.60	0.	1.0000	57	3.20	0.0213	0.7651
58	3.40	0.0232	0.7852	58	1.70	0.	1.0000	58	3.40	0.0242	0.7893
59	3.60	0.0261	0.8114	59	1.80	0.	1.0000	59	3.60	0.0274	0.8167
60	3.80	0.0261	0.8374	60	1.90	0.	1.0000	60	3.80	0.0210	0.8377
61	4.00	0.0221	0.8595	61	2.00	0.	1.0000	61	4.00	0.0220	0.8597
62	4.20	0.0220	0.8814	62	2.10	0.	1.0000	62	4.20	0.0238	0.8835
63	4.40	0.0220	0.9034	63	2.20	0.	1.0000	63	4.40	0.0226	0.9061
64	4.60	0.0185	0.9219	64	2.30	0.	1.0000	64	4.60	0.0172	0.9233
65	4.80	0.0174	0.9393	65	2.40	0.	1.0000	65	4.80	0.0166	0.9399
66	5.00	0.0154	0.9547	66	2.50	0.	1.0000	66	5.00	0.0139	0.9538
67	5.20	0.0107	0.9654	67	2.60	0.	1.0000	67	5.20	0.0107	0.9644
68	5.40	0.0087	0.9741	68	2.70	0.	1.0000	68	5.40	0.0098	0.9742
69	5.60	0.0064	0.9805	69	2.80	0.	1.0000	69	5.60	0.0072	0.9814
70	5.80	0.0050	0.9855	70	2.90	0.	1.0000	70	5.80	0.0051	0.9864
71	6.00	0.0034	0.9888	71	3.00	0.	1.0000	71	6.00	0.0044	0.9909
72	6.20	0.0034	0.9922	72	3.10	0.	1.0000	72	6.20	0.0026	0.9934
73	6.40	0.0034	0.9956	73	3.20	0.	1.0000	73	6.40	0.0023	0.9957
74	6.60	0.0019	0.9975	74	3.30	0.	1.0000	74	6.60	0.0022	0.9978
75	6.80	0.0019	0.9994	75	3.40	0.	1.0000	75	6.80	0.0012	0.9990
76	7.00	0.0003	0.9998	76	3.50	0.	1.0000	76	7.00	0.0007	0.9997
77	7.20	0.0002	1.0000	77	3.60	0.	1.0000	77	7.20	0.0003	1.0000
78	7.40	0.	1.0000	78	3.70	0.	1.0000	78	7.40	0.	1.0000
79	7.60	0.	1.0000	79	3.80	0.	1.0000	79	7.60	0.	1.0000
80	7.80	0.	1.0000	80	3.90	0.	1.0000	80	7.80	0.	1.0000
81	8.00	0.	1.0000	81	4.00	0.	1.0000	81	8.00	0.	1.0000

I - INTERVAL NUMBER X - INTERVAL CENTER VALUE

P(X) - PROBABILITY MASS FUNCTION F(X) - CUMULATIVE DISTRIBUTION FUNCTION

BOSTON MASS.

STATISTICS FOR JULY

ASTRONOMICAL TIDE				STOPM SURGE				TOTAL WATER LEVEL			
MEAN 0.07		STND DEV 3.39		MEAN-0.06		STND DEV 0.22		MEAN 0.01		STND DEV 3.41	
I	X	P(X)	F(X)	I	X	P(X)	F(X)	I	X	P(X)	F(X)
1	-8.00	0.	0.	1	-4.00	0.	0.	1	-8.00	0.	0.
2	-7.80	0.	0.	2	-3.90	0.	0.	2	-7.80	0.	0.
3	-7.60	0.	0.	3	-3.80	0.	0.	3	-7.60	0.0001	0.0001
4	-7.40	0.	0.	4	-3.70	0.	0.	4	-7.40	0.0001	0.0002
5	-7.20	0.	0.	5	-3.60	0.	0.	5	-7.20	0.0003	0.0005
6	-7.00	0.0003	0.0003	6	-3.50	0.	0.	6	-7.00	0.0005	0.0010
7	-6.80	0.0002	0.0006	7	-3.40	0.	0.	7	-6.80	0.0012	0.0022
8	-6.60	0.0021	0.0026	8	-3.30	0.	0.	8	-6.60	0.0025	0.0047
9	-6.40	0.0021	0.0047	9	-3.20	0.	0.	9	-6.40	0.0029	0.0076
10	-6.20	0.0033	0.0081	10	-3.10	0.	0.	10	-6.20	0.0039	0.0115
11	-6.00	0.0035	0.0116	11	-3.00	0.	0.	11	-6.00	0.0046	0.0160
12	-5.80	0.0045	0.0161	12	-2.90	0.	0.	12	-5.80	0.0053	0.0213
13	-5.60	0.0058	0.0219	13	-2.80	0.	0.	13	-5.60	0.0074	0.0287
14	-5.40	0.0091	0.0310	14	-2.70	0.	0.	14	-5.40	0.0090	0.0378
15	-5.20	0.0105	0.0415	15	-2.60	0.	0.	15	-5.20	0.0133	0.0511
16	-5.00	0.0135	0.0550	16	-2.50	0.	0.	16	-5.00	0.0137	0.0647
17	-4.80	0.0175	0.0724	17	-2.40	0.	0.	17	-4.80	0.0181	0.0828
18	-4.60	0.0174	0.0898	18	-2.30	0.	0.	18	-4.60	0.0185	0.1012
19	-4.40	0.0212	0.1110	19	-2.20	0.	0.	19	-4.40	0.0181	0.1194
20	-4.20	0.0223	0.1333	20	-2.10	0.	0.	20	-4.20	0.0234	0.1428
21	-4.00	0.0221	0.1554	21	-2.00	0.	0.	21	-4.00	0.0217	0.1644
22	-3.80	0.0248	0.1803	22	-1.90	0.	0.	22	-3.80	0.0227	0.1871
23	-3.60	0.0243	0.2046	23	-1.80	0.	0.	23	-3.60	0.0211	0.2082
24	-3.40	0.0233	0.2279	24	-1.70	0.	0.	24	-3.40	0.0220	0.2302
25	-3.20	0.0225	0.2504	25	-1.60	0.	0.	25	-3.20	0.0178	0.2480
26	-3.00	0.0156	0.2661	26	-1.50	0.	0.	26	-3.00	0.0189	0.2668
27	-2.80	0.0172	0.2833	27	-1.40	0.	0.	27	-2.80	0.0176	0.2844
28	-2.60	0.0183	0.3015	28	-1.30	0.0001	0.0001	28	-2.60	0.0173	0.3017
29	-2.40	0.0177	0.3192	29	-1.20	0.	0.0001	29	-2.40	0.0176	0.3193
30	-2.20	0.0142	0.3334	30	-1.10	0.0001	0.0002	30	-2.20	0.0173	0.3367
31	-2.00	0.0180	0.3514	31	-1.00	0.0001	0.0003	31	-2.00	0.0153	0.3520
32	-1.80	0.0142	0.3657	32	-0.90	0.0001	0.0004	32	-1.80	0.0152	0.3672
33	-1.60	0.0140	0.3797	33	-0.80	0.0006	0.0010	33	-1.60	0.0158	0.3830
34	-1.40	0.0168	0.3965	34	-0.70	0.0017	0.0027	34	-1.40	0.0151	0.3981
35	-1.20	0.0137	0.4102	35	-0.60	0.0077	0.0104	35	-1.20	0.0163	0.4144
36	-1.00	0.0162	0.4264	36	-0.50	0.0226	0.0330	36	-1.00	0.0147	0.4291
37	-0.80	0.0131	0.4395	37	-0.40	0.0534	0.0864	37	-0.80	0.0150	0.4440
38	-0.60	0.0142	0.4537	38	-0.30	0.1034	0.1899	38	-0.60	0.0134	0.4575
39	-0.40	0.0151	0.4688	39	-0.20	0.1510	0.3408	39	-0.40	0.0155	0.4729
40	-0.20	0.0151	0.4839	40	-0.10	0.1789	0.5198	40	-0.20	0.0152	0.4881
41	0.	0.0133	0.4972	41	0.	0.1823	0.7021	41	0.	0.0139	0.5020
42	0.20	0.0161	0.5132	42	0.10	0.1368	0.8389	42	0.20	0.0150	0.5170
43	0.40	0.0150	0.5282	43	0.20	0.0867	0.9256	43	0.40	0.0173	0.5343
44	0.60	0.0150	0.5432	44	0.30	0.0415	0.9671	44	0.60	0.0143	0.5486
45	0.80	0.0146	0.5578	45	0.40	0.0198	0.9869	45	0.80	0.0162	0.5648
46	1.00	0.0149	0.5727	46	0.50	0.0083	0.9952	46	1.00	0.0142	0.5790
47	1.20	0.0136	0.5862	47	0.60	0.0022	0.9974	47	1.20	0.0138	0.5928
48	1.40	0.0162	0.6024	48	0.70	0.0016	0.9990	48	1.40	0.0159	0.6087
49	1.60	0.0151	0.6175	49	0.80	0.0005	0.9995	49	1.60	0.0174	0.6261
50	1.80	0.0175	0.6351	50	0.90	0.0003	0.9998	50	1.80	0.0152	0.6413
51	2.00	0.0157	0.6507	51	1.00	0.0001	0.9999	51	2.00	0.0161	0.6574
52	2.20	0.0173	0.6680	52	1.10	0.	0.9999	52	2.20	0.0173	0.6747
53	2.40	0.0169	0.6849	53	1.20	0.0001	1.0000	53	2.40	0.0176	0.6923
54	2.60	0.0178	0.7027	54	1.30	0.	1.0000	54	2.60	0.0172	0.7095
55	2.80	0.0192	0.7220	55	1.40	0.	1.0000	55	2.80	0.0188	0.7283
56	3.00	0.0198	0.7418	56	1.50	0.	1.0000	56	3.00	0.0216	0.7499
57	3.20	0.0231	0.7649	57	1.60	0.	1.0000	57	3.20	0.0230	0.7729
58	3.40	0.0230	0.7879	58	1.70	0.	1.0000	58	3.40	0.0205	0.7934
59	3.60	0.0238	0.8117	59	1.80	0.	1.0000	59	3.60	0.0226	0.8160
60	3.80	0.0221	0.8338	60	1.90	0.	1.0000	60	3.80	0.0227	0.8387
61	4.00	0.0245	0.8582	61	2.00	0.	1.0000	61	4.00	0.0234	0.8621
62	4.20	0.0216	0.8798	62	2.10	0.	1.0000	62	4.20	0.0233	0.8853
63	4.40	0.0204	0.9002	63	2.20	0.	1.0000	63	4.40	0.0185	0.9038
64	4.60	0.0190	0.9192	64	2.30	0.	1.0000	64	4.60	0.0173	0.9211
65	4.80	0.0173	0.9366	65	2.40	0.	1.0000	65	4.80	0.0177	0.9388
66	5.00	0.0151	0.9516	66	2.50	0.	1.0000	66	5.00	0.0152	0.9540
67	5.20	0.0108	0.9624	67	2.60	0.	1.0000	67	5.20	0.0104	0.9644
68	5.40	0.0103	0.9727	68	2.70	0.	1.0000	68	5.40	0.0096	0.9740
69	5.60	0.0068	0.9795	69	2.80	0.	1.0000	69	5.60	0.0073	0.9813
70	5.80	0.0060	0.9855	70	2.90	0.	1.0000	70	5.80	0.0059	0.9872
71	6.00	0.0049	0.9904	71	3.00	0.	1.0000	71	6.00	0.0037	0.9908
72	6.20	0.0027	0.9931	72	3.10	0.	1.0000	72	6.20	0.0029	0.9937
73	6.40	0.0029	0.9960	73	3.20	0.	1.0000	73	6.40	0.0029	0.9966
74	6.60	0.0018	0.9977	74	3.30	0.	1.0000	74	6.60	0.0020	0.9986
75	6.80	0.0016	0.9994	75	3.40	0.	1.0000	75	6.80	0.0010	0.9996
76	7.00	0.0006	1.0000	76	3.50	0.	1.0000	76	7.00	0.0003	0.9999
77	7.20	0.	1.0000	77	3.60	0.	1.0000	77	7.20	0.0001	1.0000
78	7.40	0.	1.0000	78	3.70	0.	1.0000	78	7.40	0.	1.0000
79	7.60	0.	1.0000	79	3.80	0.	1.0000	79	7.60	0.	1.0000
80	7.80	0.	1.0000	80	3.90	0.	1.0000	80	7.80	0.	1.0000
81	8.00	0.	1.0000	81	4.00	0.	1.0000	81	8.00	0.	1.0000

I - INTERVAL NUMBER X - INTERVAL CENTER VALUE

P(X) - PROBABILITY MASS FUNCTION F(X) - CUMULATIVE DISTRIBUTION FUNCTION

BOSTON MASS.

STATISTICS FOR AUGUST

ASTRONOMICAL TIDE				STORM SURGE				TOTAL WATER LEVEL			
MEAN 0.08		STND DEV 3.39		MEAN-0.04		STND DEV 0.24		MEAN 0.04		STND DEV 3.40	
I	X	P(X)	F(X)	I	X	P(X)	F(X)	I	X	P(X)	F(X)
1	-8.00	0.	0.	1	-4.00	0.	0.	1	-8.00	0.	0.
2	-7.80	0.	0.	2	-3.90	0.	0.	2	-7.80	0.	0.
3	-7.60	0.	0.	3	-3.80	0.	0.	3	-7.60	0.	0.
4	-7.40	0.	0.	4	-3.70	0.	0.	4	-7.40	0.0002	0.0002
5	-7.20	0.	0.	5	-3.60	0.	0.	5	-7.20	0.0004	0.0006
6	-7.00	0.	0.	6	-3.50	0.	0.	6	-7.00	0.0006	0.0012
7	-6.80	0.0006	0.0006	7	-3.40	0.	0.	7	-6.80	0.0013	0.0025
8	-6.60	0.0012	0.0018	8	-3.30	0.	0.	8	-6.60	0.0014	0.0038
9	-6.40	0.0019	0.0037	9	-3.20	0.	0.	9	-6.40	0.0032	0.0070
10	-6.20	0.0026	0.0063	10	-3.10	0.	0.	10	-6.20	0.0032	0.0102
11	-6.00	0.0041	0.0104	11	-3.00	0.	0.	11	-6.00	0.0051	0.0152
12	-5.80	0.0047	0.0151	12	-2.90	0.	0.	12	-5.80	0.0048	0.0200
13	-5.60	0.0064	0.0215	13	-2.80	0.	0.	13	-5.60	0.0075	0.0275
14	-5.40	0.0081	0.0296	14	-2.70	0.	0.	14	-5.40	0.0063	0.0358
15	-5.20	0.0111	0.0407	15	-2.60	0.	0.	15	-5.20	0.0125	0.0483
16	-5.00	0.0143	0.0550	16	-2.50	0.	0.	16	-5.00	0.0141	0.0624
17	-4.80	0.0177	0.0727	17	-2.40	0.	0.	17	-4.80	0.0180	0.0804
18	-4.60	0.0187	0.0914	18	-2.30	0.	0.	18	-4.60	0.0183	0.0987
19	-4.40	0.0218	0.1132	19	-2.20	0.	0.	19	-4.40	0.0221	0.1208
20	-4.20	0.0214	0.1346	20	-2.10	0.	0.	20	-4.20	0.0215	0.1423
21	-4.00	0.0229	0.1575	21	-2.00	0.	0.	21	-4.00	0.0188	0.1611
22	-3.80	0.0229	0.1803	22	-1.90	0.	0.	22	-3.80	0.0192	0.1803
23	-3.60	0.0229	0.2033	23	-1.80	0.	0.	23	-3.60	0.0220	0.2023
24	-3.40	0.0220	0.2253	24	-1.70	0.	0.	24	-3.40	0.0206	0.2229
25	-3.20	0.0195	0.2448	25	-1.60	0.	0.	25	-3.20	0.0194	0.2423
26	-3.00	0.0204	0.2652	26	-1.50	0.	0.	26	-3.00	0.0188	0.2611
27	-2.80	0.0192	0.2844	27	-1.40	0.	0.	27	-2.80	0.0188	0.2799
28	-2.60	0.0161	0.3004	28	-1.30	0.	0.	28	-2.60	0.0177	0.2976
29	-2.40	0.0166	0.3170	29	-1.20	0.	0.	29	-2.40	0.0191	0.3167
30	-2.20	0.0175	0.3345	30	-1.10	0.0002	0.0002	30	-2.20	0.0158	0.3325
31	-2.00	0.0140	0.3485	31	-1.00	0.0002	0.0004	31	-2.00	0.0154	0.3479
32	-1.80	0.0158	0.3643	32	-0.90	0.0010	0.0014	32	-1.80	0.0189	0.3667
33	-1.60	0.0168	0.3811	33	-0.80	0.0018	0.0031	33	-1.60	0.0129	0.3796
34	-1.40	0.0149	0.3961	34	-0.70	0.0048	0.0079	34	-1.40	0.0151	0.3947
35	-1.20	0.0133	0.4094	35	-0.60	0.0107	0.0186	35	-1.20	0.0154	0.4101
36	-1.00	0.0144	0.4238	36	-0.50	0.0238	0.0424	36	-1.00	0.0151	0.4252
37	-0.80	0.0152	0.4390	37	-0.40	0.0494	0.0918	37	-0.80	0.0160	0.4411
38	-0.60	0.0154	0.4544	38	-0.30	0.0955	0.1873	38	-0.60	0.0134	0.4545
39	-0.40	0.0142	0.4686	39	-0.20	0.1363	0.3236	39	-0.40	0.0167	0.4712
40	-0.20	0.0143	0.4828	40	-0.10	0.1622	0.4858	40	-0.20	0.0151	0.4863
41	0.	0.0153	0.4981	41	0.	0.1722	0.6580	41	0.	0.0164	0.5027
42	0.20	0.0134	0.5116	42	0.10	0.1409	0.7989	42	0.20	0.0140	0.5167
43	0.40	0.0155	0.5270	43	0.20	0.0924	0.8913	43	0.40	0.0144	0.5311
44	0.60	0.0157	0.5427	44	0.30	0.0585	0.9498	44	0.60	0.0148	0.5459
45	0.80	0.0139	0.5566	45	0.40	0.0302	0.9800	45	0.80	0.0149	0.5608
46	1.00	0.0149	0.5715	46	0.50	0.0120	0.9920	46	1.00	0.0157	0.5765
47	1.20	0.0162	0.5877	47	0.60	0.0049	0.9969	47	1.20	0.0163	0.5928
48	1.40	0.0152	0.6030	48	0.70	0.0017	0.9986	48	1.40	0.0156	0.6084
49	1.60	0.0145	0.6175	49	0.80	0.0010	0.9996	49	1.60	0.0162	0.6246
50	1.80	0.0157	0.6331	50	0.90	0.0002	0.9998	50	1.80	0.0153	0.6399
51	2.00	0.0172	0.6503	51	1.00	0.0001	0.9999	51	2.00	0.0159	0.6558
52	2.20	0.0170	0.6673	52	1.10	0.	0.9999	52	2.20	0.0183	0.6741
53	2.40	0.0171	0.6844	53	1.20	0.0001	1.0000	53	2.40	0.0183	0.6923
54	2.60	0.0192	0.7036	54	1.30	0.	1.0000	54	2.60	0.0176	0.7099
55	2.80	0.0203	0.7239	55	1.40	0.	1.0000	55	2.80	0.0191	0.7291
56	3.00	0.0196	0.7434	56	1.50	0.	1.0000	56	3.00	0.0207	0.7498
57	3.20	0.0216	0.7650	57	1.60	0.	1.0000	57	3.20	0.0203	0.7701
58	3.40	0.0210	0.7860	58	1.70	0.	1.0000	58	3.40	0.0200	0.7901
59	3.60	0.0230	0.8090	59	1.80	0.	1.0000	59	3.60	0.0223	0.8124
60	3.80	0.0208	0.8298	60	1.90	0.	1.0000	60	3.80	0.0218	0.8341
61	4.00	0.0240	0.8538	61	2.00	0.	1.0000	61	4.00	0.0237	0.8579
62	4.20	0.0225	0.8763	62	2.10	0.	1.0000	62	4.20	0.0218	0.8796
63	4.40	0.0213	0.8976	63	2.20	0.	1.0000	63	4.40	0.0203	0.8999
64	4.60	0.0179	0.9154	64	2.30	0.	1.0000	64	4.60	0.0196	0.9195
65	4.80	0.0176	0.9330	65	2.40	0.	1.0000	65	4.80	0.0175	0.9370
66	5.00	0.0158	0.9488	66	2.50	0.	1.0000	66	5.00	0.0152	0.9521
67	5.20	0.0128	0.9617	67	2.60	0.	1.0000	67	5.20	0.0124	0.9645
68	5.40	0.0120	0.9736	68	2.70	0.	1.0000	68	5.40	0.0106	0.9752
69	5.60	0.0081	0.9817	69	2.80	0.	1.0000	69	5.60	0.0079	0.9830
70	5.80	0.0054	0.9871	70	2.90	0.	1.0000	70	5.80	0.0057	0.9887
71	6.00	0.0046	0.9917	71	3.00	0.	1.0000	71	6.00	0.0036	0.9923
72	6.20	0.0034	0.9952	72	3.10	0.	1.0000	72	6.20	0.0033	0.9956
73	6.40	0.0020	0.9972	73	3.20	0.	1.0000	73	6.40	0.0021	0.9976
74	6.60	0.0016	0.9987	74	3.30	0.	1.0000	74	6.60	0.0014	0.9990
75	6.80	0.0010	0.9997	75	3.40	0.	1.0000	75	6.80	0.0007	0.9997
76	7.00	0.0003	1.0000	76	3.50	0.	1.0000	76	7.00	0.0002	0.9999
77	7.20	0.	1.0000	77	3.60	0.	1.0000	77	7.20	0.	0.9999
78	7.40	0.	1.0000	78	3.70	0.	1.0000	78	7.40	0.0001	1.0000
79	7.60	0.	1.0000	79	3.80	0.	1.0000	79	7.60	0.	1.0000
80	7.80	0.	1.0000	80	3.90	0.	1.0000	80	7.80	0.	1.0000
81	8.00	0.	1.0000	81	4.00	0.	1.0000	81	8.00	0.	1.0000

I - INTERVAL NUMBER X - INTERVAL CENTER VALUE

P(X) - PROBABILITY MASS FUNCTION F(X) - CUMULATIVE DISTRIBUTION FUNCTION

BOSTON MASS.

STATISTICS FOR SEPTEMBER

ASTRONOMICAL TIDE				STORM SURGE				TOTAL WATER LEVEL			
MEAN 0.08		STND DEV 3.40		MEAN-0.07		STND DEV 0.29		MEAN 0.01		STND DEV 3.41	
I	X	P(X)	F(X)	I	X	P(X)	F(X)	I	X	P(X)	F(X)
1	-8.00	0.	0.	1	-4.00	0.	0.	1	-8.00	0.	0.
2	-7.80	0.	0.	2	-3.90	0.	0.	2	-7.80	0.0001	0.0001
3	-7.60	0.	0.	3	-3.80	0.	0.	3	-7.60	0.0003	0.0003
4	-7.40	0.	0.	4	-3.70	0.	0.	4	-7.40	0.0002	0.0005
5	-7.20	0.	0.	5	-3.60	0.	0.	5	-7.20	0.0005	0.0010
6	-7.00	0.0002	0.0002	6	-3.50	0.	0.	6	-7.00	0.0013	0.0023
7	-6.80	0.0005	0.0007	7	-3.40	0.	0.	7	-6.80	0.0021	0.0045
8	-6.60	0.0015	0.0022	8	-3.30	0.	0.	8	-6.60	0.0024	0.0069
9	-6.40	0.0028	0.0050	9	-3.20	0.	0.	9	-6.40	0.0026	0.0095
10	-6.20	0.0036	0.0086	10	-3.10	0.	0.	10	-6.20	0.0041	0.0135
11	-6.00	0.0043	0.0130	11	-3.00	0.	0.	11	-6.00	0.0061	0.0196
12	-5.80	0.0059	0.0189	12	-2.90	0.	0.	12	-5.80	0.0054	0.0251
13	-5.60	0.0066	0.0255	13	-2.80	0.	0.	13	-5.60	0.0066	0.0317
14	-5.40	0.0086	0.0341	14	-2.70	0.	0.	14	-5.40	0.0088	0.0405
15	-5.20	0.0094	0.0435	15	-2.60	0.	0.	15	-5.20	0.0123	0.0528
16	-5.00	0.0134	0.0569	16	-2.50	0.	0.	16	-5.00	0.0149	0.0677
17	-4.80	0.0184	0.0753	17	-2.40	0.	0.	17	-4.80	0.0154	0.0831
18	-4.60	0.0193	0.0946	18	-2.30	0.	0.	18	-4.60	0.0189	0.1020
19	-4.40	0.0184	0.1130	19	-2.20	0.0001	0.0001	19	-4.40	0.0201	0.1221
20	-4.20	0.0228	0.1359	20	-2.10	0.	0.0001	20	-4.20	0.0211	0.1432
21	-4.00	0.0226	0.1585	21	-2.00	0.	0.0001	21	-4.00	0.0189	0.1620
22	-3.80	0.0218	0.1803	22	-1.90	0.	0.0001	22	-3.80	0.0202	0.1823
23	-3.60	0.0208	0.2012	23	-1.80	0.	0.0001	23	-3.60	0.0212	0.2034
24	-3.40	0.0218	0.2229	24	-1.70	0.	0.0001	24	-3.40	0.0202	0.2237
25	-3.20	0.0209	0.2438	25	-1.60	0.	0.0001	25	-3.20	0.0182	0.2418
26	-3.00	0.0197	0.2635	26	-1.50	0.	0.0001	26	-3.00	0.0195	0.2614
27	-2.80	0.0178	0.2813	27	-1.40	0.0001	0.0002	27	-2.80	0.0195	0.2808
28	-2.60	0.0185	0.2998	28	-1.30	0.	0.0002	28	-2.60	0.0204	0.3012
29	-2.40	0.0169	0.3167	29	-1.20	0.	0.0002	29	-2.40	0.0164	0.3177
30	-2.20	0.0157	0.3323	30	-1.10	0.0001	0.0003	30	-2.20	0.0154	0.3331
31	-2.00	0.0158	0.3482	31	-1.00	0.0005	0.0008	31	-2.00	0.0156	0.3487
32	-1.80	0.0145	0.3627	32	-0.90	0.0016	0.0024	32	-1.80	0.0149	0.3636
33	-1.60	0.0170	0.3796	33	-0.80	0.0050	0.0074	33	-1.60	0.0178	0.3814
34	-1.40	0.0164	0.3960	34	-0.70	0.0109	0.0183	34	-1.40	0.0158	0.3971
35	-1.20	0.0134	0.4093	35	-0.60	0.0188	0.0371	35	-1.20	0.0158	0.4129
36	-1.00	0.0144	0.4238	36	-0.50	0.0406	0.0777	36	-1.00	0.0161	0.4290
37	-0.80	0.0157	0.4395	37	-0.40	0.0741	0.1519	37	-0.80	0.0148	0.4438
38	-0.60	0.0134	0.4529	38	-0.30	0.1039	0.2558	38	-0.60	0.0161	0.4599
39	-0.40	0.0142	0.4671	39	-0.20	0.1392	0.3950	39	-0.40	0.0122	0.4721
40	-0.20	0.0141	0.4812	40	-0.10	0.1554	0.5504	40	-0.20	0.0153	0.4874
41	0.	0.0170	0.4982	41	0.	0.1427	0.6931	41	0.	0.0152	0.5026
42	0.20	0.0144	0.5125	42	0.10	0.1167	0.8098	42	0.20	0.0141	0.5167
43	0.40	0.0144	0.5269	43	0.20	0.0771	0.8870	43	0.40	0.0155	0.5322
44	0.60	0.0147	0.5415	44	0.30	0.0462	0.9332	44	0.60	0.0168	0.5490
45	0.80	0.0158	0.5573	45	0.40	0.0300	0.9632	45	0.80	0.0156	0.5646
46	1.00	0.0151	0.5724	46	0.50	0.0167	0.9799	46	1.00	0.0153	0.5799
47	1.20	0.0142	0.5866	47	0.60	0.0068	0.9867	47	1.20	0.0149	0.5948
48	1.40	0.0151	0.6016	48	0.70	0.0052	0.9919	48	1.40	0.0154	0.6102
49	1.60	0.0178	0.6194	49	0.80	0.0023	0.9942	49	1.60	0.0170	0.6272
50	1.80	0.0144	0.6338	50	0.90	0.0016	0.9958	50	1.80	0.0164	0.6435
51	2.00	0.0151	0.6488	51	1.00	0.0015	0.9972	51	2.00	0.0149	0.6584
52	2.20	0.0184	0.6673	52	1.10	0.0008	0.9980	52	2.20	0.0177	0.6761
53	2.40	0.0164	0.6837	53	1.20	0.0007	0.9987	53	2.40	0.0182	0.6943
54	2.60	0.0194	0.7031	54	1.30	0.0003	0.9990	54	2.60	0.0175	0.7118
55	2.80	0.0194	0.7225	55	1.40	0.0004	0.9995	55	2.80	0.0215	0.7333
56	3.00	0.0212	0.7438	56	1.50	0.0003	0.9997	56	3.00	0.0200	0.7533
57	3.20	0.0207	0.7644	57	1.60	0.	0.9997	57	3.20	0.0207	0.7739
58	3.40	0.0214	0.7858	58	1.70	0.0003	1.0000	58	3.40	0.0195	0.7935
59	3.60	0.0231	0.8089	59	1.80	0.	1.0000	59	3.60	0.0248	0.8183
60	3.80	0.0208	0.8296	60	1.90	0.	1.0000	60	3.80	0.0209	0.8392
61	4.00	0.0234	0.8530	61	2.00	0.	1.0000	61	4.00	0.0201	0.8593
62	4.20	0.0216	0.8746	62	2.10	0.	1.0000	62	4.20	0.0211	0.8804
63	4.40	0.0220	0.8966	63	2.20	0.	1.0000	63	4.40	0.0210	0.9014
64	4.60	0.0193	0.9159	64	2.30	0.	1.0000	64	4.60	0.0209	0.9224
65	4.80	0.0203	0.9362	65	2.40	0.	1.0000	65	4.80	0.0158	0.9382
66	5.00	0.0140	0.9502	66	2.50	0.	1.0000	66	5.00	0.0132	0.9514
67	5.20	0.0119	0.9620	67	2.60	0.	1.0000	67	5.20	0.0123	0.9637
68	5.40	0.0093	0.9713	68	2.70	0.	1.0000	68	5.40	0.0087	0.9724
69	5.60	0.0069	0.9782	69	2.80	0.	1.0000	69	5.60	0.0086	0.9810
70	5.80	0.0068	0.9850	70	2.90	0.	1.0000	70	5.80	0.0061	0.9871
71	6.00	0.0064	0.9914	71	3.00	0.	1.0000	71	6.00	0.0056	0.9927
72	6.20	0.0031	0.9944	72	3.10	0.	1.0000	72	6.20	0.0031	0.9958
73	6.40	0.0032	0.9976	73	3.20	0.	1.0000	73	6.40	0.0026	0.9984
74	6.60	0.0013	0.9989	74	3.30	0.	1.0000	74	6.60	0.0010	0.9993
75	6.80	0.0010	0.9999	75	3.40	0.	1.0000	75	6.80	0.0004	0.9997
76	7.00	0.0001	1.0000	76	3.50	0.	1.0000	76	7.00	0.0003	1.0000
77	7.20	0.	1.0000	77	3.60	0.	1.0000	77	7.20	0.	1.0000
78	7.40	0.	1.0000	78	3.70	0.	1.0000	78	7.40	0.	1.0000
79	7.60	0.	1.0000	79	3.80	0.	1.0000	79	7.60	0.	1.0000
80	7.80	0.	1.0000	80	3.90	0.	1.0000	80	7.80	0.	1.0000
81	8.00	0.	1.0000	81	4.00	0.	1.0000	81	8.00	0.	1.0000

I - INTERVAL NUMBER X - INTERVAL CENTER VALUE

P(X) - PROBABILITY MASS FUNCTION F(X) - CUMULATIVE DISTRIBUTION FUNCTION

BOSTON MASS.

STATISTICS FOR OCTOBER

ASTRONOMICAL TIDE				STORM SURGE				TOTAL WATER LEVEL			
MEAN 0.05		STND DEV 3.40		MEAN 0.01		STND DEV 0.43		MEAN 0.07		STND DEV 3.43	
I	X	P(X)	F(X)	I	X	P(X)	F(X)	I	X	P(X)	F(X)
1	-8.00	0.	0.	1	-4.00	0.	0.	1	-8.00	0.0001	0.0001
2	-7.80	0.	0.	2	-3.90	0.	0.	2	-7.80	0.	0.0001
3	-7.60	0.	0.	3	-3.80	0.	0.	3	-7.60	0.0001	0.0002
4	-7.40	0.	0.	4	-3.70	0.	0.	4	-7.40	0.0005	0.0006
5	-7.20	0.0002	0.0002	5	-3.60	0.	0.	5	-7.20	0.0007	0.0014
6	-7.00	0.0005	0.0007	6	-3.50	0.	0.	6	-7.00	0.0010	0.0024
7	-6.80	0.0011	0.0017	7	-3.40	0.	0.	7	-6.80	0.0012	0.0036
8	-6.60	0.0019	0.0036	8	-3.30	0.	0.	8	-6.60	0.0020	0.0055
9	-6.40	0.0028	0.0064	9	-3.20	0.	0.	9	-6.40	0.0029	0.0085
10	-6.20	0.0031	0.0094	10	-3.10	0.	0.	10	-6.20	0.0045	0.0130
11	-6.00	0.0051	0.0145	11	-3.00	0.	0.	11	-6.00	0.0055	0.0185
12	-5.80	0.0058	0.0202	12	-2.90	0.	0.	12	-5.80	0.0057	0.0242
13	-5.60	0.0072	0.0275	13	-2.80	0.	0.	13	-5.60	0.0074	0.0316
14	-5.40	0.0101	0.0376	14	-2.70	0.	0.	14	-5.40	0.0105	0.0421
15	-5.20	0.0105	0.0481	15	-2.60	0.	0.	15	-5.20	0.0102	0.0524
16	-5.00	0.0148	0.0629	16	-2.50	0.	0.	16	-5.00	0.0147	0.0670
17	-4.80	0.0156	0.0785	17	-2.40	0.	0.	17	-4.80	0.0144	0.0814
18	-4.60	0.0181	0.0966	18	-2.30	0.	0.	18	-4.60	0.0171	0.0985
19	-4.40	0.0184	0.1149	19	-2.20	0.	0.	19	-4.40	0.0178	0.1164
20	-4.20	0.0208	0.1358	20	-2.10	0.	0.	20	-4.20	0.0186	0.1350
21	-4.00	0.0221	0.1579	21	-2.00	0.	0.	21	-4.00	0.0222	0.1572
22	-3.80	0.0221	0.1800	22	-1.90	0.	0.	22	-3.80	0.0213	0.1785
23	-3.60	0.0222	0.2021	23	-1.80	0.	0.	23	-3.60	0.0197	0.1982
24	-3.40	0.0217	0.2238	24	-1.70	0.	0.	24	-3.40	0.0200	0.2182
25	-3.20	0.0201	0.2439	25	-1.60	0.	0.	25	-3.20	0.0203	0.2384
26	-3.00	0.0185	0.2624	26	-1.50	0.	0.	26	-3.00	0.0212	0.2597
27	-2.80	0.0185	0.2809	27	-1.40	0.0002	0.0002	27	-2.80	0.0189	0.2785
28	-2.60	0.0195	0.3004	28	-1.30	0.0003	0.0006	28	-2.60	0.0177	0.2962
29	-2.40	0.0173	0.3177	29	-1.20	0.0005	0.0010	29	-2.40	0.0175	0.3137
30	-2.20	0.0168	0.3345	30	-1.10	0.0010	0.0021	30	-2.20	0.0158	0.3295
31	-2.00	0.0150	0.3495	31	-1.00	0.0021	0.0042	31	-2.00	0.0177	0.3473
32	-1.80	0.0162	0.3657	32	-0.90	0.0039	0.0081	32	-1.80	0.0160	0.3633
33	-1.60	0.0147	0.3804	33	-0.80	0.0075	0.0155	33	-1.60	0.0140	0.3773
34	-1.40	0.0142	0.3946	34	-0.70	0.0162	0.0318	34	-1.40	0.0170	0.3943
35	-1.20	0.0155	0.4101	35	-0.60	0.0270	0.0588	35	-1.20	0.0152	0.4095
36	-1.00	0.0153	0.4254	36	-0.50	0.0482	0.1069	36	-1.00	0.0145	0.4240
37	-0.80	0.0149	0.4403	37	-0.40	0.0713	0.1782	37	-0.80	0.0162	0.4402
38	-0.60	0.0134	0.4537	38	-0.30	0.0917	0.2700	38	-0.60	0.0157	0.4559
39	-0.40	0.0166	0.4704	39	-0.20	0.1013	0.3713	39	-0.40	0.0145	0.4704
40	-0.20	0.0139	0.4842	40	-0.10	0.1096	0.4809	40	-0.20	0.0133	0.4837
41	0.	0.0152	0.4995	41	0.	0.1100	0.5909	41	0.	0.0151	0.5008
42	0.20	0.0150	0.5145	42	0.10	0.0919	0.6828	42	0.20	0.0130	0.5138
43	0.40	0.0140	0.5285	43	0.20	0.0775	0.7603	43	0.40	0.0154	0.5292
44	0.60	0.0139	0.5423	44	0.30	0.0590	0.8193	44	0.60	0.0132	0.5423
45	0.80	0.0151	0.5574	45	0.40	0.0485	0.8678	45	0.80	0.0161	0.5584
46	1.00	0.0170	0.5744	46	0.50	0.0348	0.9026	46	1.00	0.0158	0.5742
47	1.20	0.0137	0.5881	47	0.60	0.0246	0.9272	47	1.20	0.0166	0.5908
48	1.40	0.0157	0.6038	48	0.70	0.0196	0.9468	48	1.40	0.0155	0.6063
49	1.60	0.0173	0.6211	49	0.80	0.0143	0.9610	49	1.60	0.0170	0.6233
50	1.80	0.0153	0.6364	50	0.90	0.0097	0.9707	50	1.80	0.0151	0.6383
51	2.00	0.0163	0.6527	51	1.00	0.0052	0.9759	51	2.00	0.0171	0.6554
52	2.20	0.0164	0.6691	52	1.10	0.0027	0.9786	52	2.20	0.0153	0.6707
53	2.40	0.0183	0.6874	53	1.20	0.0046	0.9832	53	2.40	0.0174	0.6881
54	2.60	0.0174	0.7048	54	1.30	0.0040	0.9872	54	2.60	0.0194	0.7075
55	2.80	0.0205	0.7253	55	1.40	0.0040	0.9911	55	2.80	0.0212	0.7287
56	3.00	0.0208	0.7461	56	1.50	0.0038	0.9949	56	3.00	0.0186	0.7473
57	3.20	0.0198	0.7659	57	1.60	0.0022	0.9972	57	3.20	0.0200	0.7673
58	3.40	0.0226	0.7885	58	1.70	0.0017	0.9988	58	3.40	0.0222	0.7895
59	3.60	0.0258	0.8143	59	1.80	0.0006	0.9994	59	3.60	0.0211	0.8105
60	3.80	0.0219	0.8362	60	1.90	0.0003	0.9997	60	3.80	0.0220	0.8325
61	4.00	0.0240	0.8602	61	2.00	0.0002	0.9998	61	4.00	0.0210	0.8535
62	4.20	0.0209	0.8811	62	2.10	0.0001	0.9999	62	4.20	0.0216	0.8751
63	4.40	0.0202	0.9014	63	2.20	0.0001	1.0000	63	4.40	0.0191	0.8942
64	4.60	0.0202	0.9215	64	2.30	0.	1.0000	64	4.60	0.0195	0.9137
65	4.80	0.0167	0.9382	65	2.40	0.	1.0000	65	4.80	0.0149	0.9286
66	5.00	0.0140	0.9523	66	2.50	0.	1.0000	66	5.00	0.0135	0.9420
67	5.20	0.0102	0.9625	67	2.60	0.	1.0000	67	5.20	0.0123	0.9543
68	5.40	0.0103	0.9728	68	2.70	0.	1.0000	68	5.40	0.0105	0.9648
69	5.60	0.0071	0.9799	69	2.80	0.	1.0000	69	5.60	0.0099	0.9747
70	5.80	0.0058	0.9857	70	2.90	0.	1.0000	70	5.80	0.0070	0.9816
71	6.00	0.0049	0.9906	71	3.00	0.	1.0000	71	6.00	0.0044	0.9860
72	6.20	0.0035	0.9941	72	3.10	0.	1.0000	72	6.20	0.0041	0.9901
73	6.40	0.0021	0.9962	73	3.20	0.	1.0000	73	6.40	0.0042	0.9943
74	6.60	0.0020	0.9982	74	3.30	0.	1.0000	74	6.60	0.0024	0.9967
75	6.80	0.0011	0.9993	75	3.40	0.	1.0000	75	6.80	0.0014	0.9981
76	7.00	0.0007	0.9999	76	3.50	0.	1.0000	76	7.00	0.0006	0.9987
77	7.20	0.0001	1.0000	77	3.60	0.	1.0000	77	7.20	0.0004	0.9991
78	7.40	0.	1.0000	78	3.70	0.	1.0000	78	7.40	0.0004	0.9995
79	7.60	0.	1.0000	79	3.80	0.	1.0000	79	7.60	0.0002	0.9998
80	7.80	0.	1.0000	80	3.90	0.	1.0000	80	7.80	0.0002	0.9999
81	8.00	0.	1.0000	81	4.00	0.	1.0000	81	8.00	0.0001	1.0000

I - INTERVAL NUMBER X - INTERVAL CENTER VALUE

P(X) - PROBABILITY MASS FUNCTION F(X) - CUMULATIVE DISTRIBUTION FUNCTION

BOSTON MASS.

STATISTICS FOR NOVEMBER

ASTRONOMICAL TIDE				STORM SURGE				TOTAL WATER LEVEL			
MEAN-0.00		STND DEV 3.40		MEAN 0.10		STND DEV 0.47		MEAN 0.10		STND DEV 3.43	
I	X	P(X)	F(X)	I	X	P(X)	F(X)	I	X	P(X)	F(X)
1	-8.00	0.	0.	1	-4.00	0.	0.	1	-8.00	0.0002	0.0004
2	-7.80	0.	0.	2	-3.90	0.	0.	2	-7.80	0.0001	0.0004
3	-7.60	0.	0.	3	-3.80	0.	0.	3	-7.60	0.0003	0.0007
4	-7.40	0.	0.	4	-3.70	0.	0.	4	-7.40	0.0004	0.0012
5	-7.20	0.0003	0.0003	5	-3.60	0.	0.	5	-7.20	0.0006	0.0018
6	-7.00	0.0012	0.0015	6	-3.50	0.	0.	6	-7.00	0.0007	0.0025
7	-6.80	0.0015	0.0030	7	-3.40	0.	0.	7	-6.80	0.0021	0.0046
8	-6.60	0.0020	0.0050	8	-3.30	0.	0.	8	-6.60	0.0014	0.0059
9	-6.40	0.0025	0.0075	9	-3.20	0.	0.	9	-6.40	0.0031	0.0090
10	-6.20	0.0037	0.0111	10	-3.10	0.	0.	10	-6.20	0.0035	0.0125
11	-6.00	0.0043	0.0154	11	-3.00	0.	0.	11	-6.00	0.0041	0.0166
12	-5.80	0.0055	0.0209	12	-2.90	0.	0.	12	-5.80	0.0057	0.0223
13	-5.60	0.0072	0.0281	13	-2.80	0.	0.	13	-5.60	0.0077	0.0300
14	-5.40	0.0100	0.0382	14	-2.70	0.	0.	14	-5.40	0.0092	0.0392
15	-5.20	0.0111	0.0493	15	-2.60	0.	0.	15	-5.20	0.0117	0.0509
16	-5.00	0.0158	0.0651	16	-2.50	0.	0.	16	-5.00	0.0140	0.0649
17	-4.80	0.0162	0.0812	17	-2.40	0.	0.	17	-4.80	0.0151	0.0800
18	-4.60	0.0178	0.0991	18	-2.30	0.	0.	18	-4.60	0.0174	0.0974
19	-4.40	0.0216	0.1207	19	-2.20	0.	0.	19	-4.40	0.0170	0.1144
20	-4.20	0.0205	0.1412	20	-2.10	0.0001	0.0001	20	-4.20	0.0193	0.1337
21	-4.00	0.0235	0.1647	21	-2.00	0.0001	0.0002	21	-4.00	0.0195	0.1532
22	-3.80	0.0229	0.1877	22	-1.90	0.0002	0.0003	22	-3.80	0.0206	0.1738
23	-3.60	0.0223	0.2099	23	-1.80	0.	0.0003	23	-3.60	0.0208	0.1945
24	-3.40	0.0200	0.2300	24	-1.70	0.0004	0.0007	24	-3.40	0.0217	0.2163
25	-3.20	0.0217	0.2517	25	-1.60	0.0006	0.0013	25	-3.20	0.0198	0.2361
26	-3.00	0.0183	0.2700	26	-1.50	0.0009	0.0022	26	-3.00	0.0194	0.2555
27	-2.80	0.0180	0.2879	27	-1.40	0.0008	0.0030	27	-2.80	0.0192	0.2747
28	-2.60	0.0171	0.3050	28	-1.30	0.0011	0.0041	28	-2.60	0.0175	0.2923
29	-2.40	0.0171	0.3222	29	-1.20	0.0021	0.0062	29	-2.40	0.0164	0.3087
30	-2.20	0.0166	0.3387	30	-1.10	0.0015	0.0076	30	-2.20	0.0178	0.3265
31	-2.00	0.0161	0.3548	31	-1.00	0.0042	0.0118	31	-2.00	0.0166	0.3432
32	-1.80	0.0156	0.3705	32	-0.90	0.0039	0.0157	32	-1.80	0.0167	0.3599
33	-1.60	0.0155	0.3860	33	-0.80	0.0077	0.0234	33	-1.60	0.0153	0.3752
34	-1.40	0.0143	0.4002	34	-0.70	0.0124	0.0358	34	-1.40	0.0163	0.3914
35	-1.20	0.0151	0.4153	35	-0.60	0.0178	0.0536	35	-1.20	0.0159	0.4074
36	-1.00	0.0135	0.4288	36	-0.50	0.0319	0.0855	36	-1.00	0.0151	0.4225
37	-0.80	0.0150	0.4438	37	-0.40	0.0485	0.1340	37	-0.80	0.0154	0.4379
38	-0.60	0.0159	0.4597	38	-0.30	0.0663	0.2003	38	-0.60	0.0144	0.4522
39	-0.40	0.0151	0.4748	39	-0.20	0.0833	0.2837	39	-0.40	0.0145	0.4667
40	-0.20	0.0135	0.4883	40	-0.10	0.0952	0.3789	40	-0.20	0.0157	0.4824
41	0.	0.0154	0.5037	41	0.	0.1003	0.4792	41	0.	0.0147	0.4971
42	0.20	0.0141	0.5178	42	0.10	0.0960	0.5751	42	0.20	0.0133	0.5104
43	0.40	0.0148	0.5325	43	0.20	0.0861	0.6612	43	0.40	0.0152	0.5256
44	0.60	0.0148	0.5473	44	0.30	0.0761	0.7372	44	0.60	0.0155	0.5411
45	0.80	0.0166	0.5639	45	0.40	0.0649	0.8021	45	0.80	0.0149	0.5560
46	1.00	0.0144	0.5783	46	0.50	0.0494	0.8515	46	1.00	0.0145	0.5705
47	1.20	0.0141	0.5924	47	0.60	0.0398	0.8913	47	1.20	0.0153	0.5859
48	1.40	0.0159	0.6083	48	0.70	0.0316	0.9229	48	1.40	0.0156	0.6014
49	1.60	0.0155	0.6238	49	0.80	0.0233	0.9462	49	1.60	0.0175	0.6188
50	1.80	0.0161	0.6398	50	0.90	0.0147	0.9609	50	1.80	0.0150	0.6338
51	2.00	0.0165	0.6564	51	1.00	0.0109	0.9718	51	2.00	0.0158	0.6496
52	2.20	0.0178	0.6741	52	1.10	0.0073	0.9790	52	2.20	0.0183	0.6679
53	2.40	0.0181	0.6923	53	1.20	0.0056	0.9846	53	2.40	0.0175	0.6855
54	2.60	0.0180	0.7102	54	1.30	0.0029	0.9875	54	2.60	0.0171	0.7025
55	2.80	0.0176	0.7279	55	1.40	0.0018	0.9894	55	2.80	0.0196	0.7221
56	3.00	0.0214	0.7493	56	1.50	0.0019	0.9913	56	3.00	0.0200	0.7422
57	3.20	0.0233	0.7726	57	1.60	0.0025	0.9938	57	3.20	0.0205	0.7627
58	3.40	0.0243	0.7969	58	1.70	0.0021	0.9958	58	3.40	0.0236	0.7863
59	3.60	0.0256	0.8224	59	1.80	0.0007	0.9966	59	3.60	0.0232	0.8095
60	3.80	0.0228	0.8453	60	1.90	0.0008	0.9974	60	3.80	0.0226	0.8321
61	4.00	0.0240	0.8693	61	2.00	0.0002	0.9976	61	4.00	0.0214	0.8535
62	4.20	0.0232	0.8925	62	2.10	0.0004	0.9980	62	4.20	0.0203	0.8738
63	4.40	0.0189	0.9114	63	2.20	0.0003	0.9982	63	4.40	0.0205	0.8942
64	4.60	0.0175	0.9289	64	2.30	0.0003	0.9985	64	4.60	0.0192	0.9134
65	4.80	0.0165	0.9453	65	2.40	0.0002	0.9987	65	4.80	0.0162	0.9296
66	5.00	0.0122	0.9575	66	2.50	0.0003	0.9990	66	5.00	0.0126	0.9422
67	5.20	0.0100	0.9675	67	2.60	0.0004	0.9993	67	5.20	0.0123	0.9545
68	5.40	0.0078	0.9754	68	2.70	0.0002	0.9996	68	5.40	0.0109	0.9654
69	5.60	0.0061	0.9815	69	2.80	0.0002	0.9997	69	5.60	0.0095	0.9750
70	5.80	0.0043	0.9858	70	2.90	0.0001	0.9998	70	5.80	0.0059	0.9809
71	6.00	0.0035	0.9893	71	3.00	0.0001	0.9998	71	6.00	0.0046	0.9855
72	6.20	0.0035	0.9928	72	3.10	0.0001	0.9999	72	6.20	0.0038	0.9893
73	6.40	0.0023	0.9952	73	3.20	0.	0.9999	73	6.40	0.0029	0.9922
74	6.60	0.0022	0.9974	74	3.30	0.	0.9999	74	6.60	0.0032	0.9954
75	6.80	0.0012	0.9986	75	3.40	0.	0.9999	75	6.80	0.0016	0.9971
76	7.00	0.0012	0.9998	76	3.50	0.0001	1.0000	76	7.00	0.0012	0.9982
77	7.20	0.0002	1.0000	77	3.60	0.	1.0000	77	7.20	0.0006	0.9988
78	7.40	0.	1.0000	78	3.70	0.	1.0000	78	7.40	0.0008	0.9996
79	7.60	0.	1.0000	79	3.80	0.	1.0000	79	7.60	0.0002	0.9998
80	7.80	0.	1.0000	80	3.90	0.	1.0000	80	7.80	0.	0.9998
81	8.00	0.	1.0000	81	4.00	0.	1.0000	81	8.00	0.0002	1.0000

I - INTERVAL NUMBER X - INTERVAL CENTER VALUE

P(X) - PROBABILITY MASS FUNCTION F(X) - CUMULATIVE DISTRIBUTION FUNCTION

BOSTON MASS.

STATISTICS FOR DECEMBER

ASTRONOMICAL TIDE				STOPM SURGE				TOTAL WATER LEVEL			
MEAN-0.08		STND DEV 3.39		MEAN-0.01		STND DEV 0.54		MEAN-0.09		STND DEV 3.43	
I	X	P(X)	F(X)	I	X	P(X)	F(X)	I	X	P(X)	F(X)
1	-8.00	0.	0.	1	-4.00	0.	0.	1	-8.00	0.0002	0.0003
2	-7.80	0.	0.	2	-3.90	0.	0.	2	-7.80	0.0002	0.0005
3	-7.60	0.	0.	3	-3.80	0.	0.	3	-7.60	0.0004	0.0009
4	-7.40	0.0001	0.0001	4	-3.70	0.	0.	4	-7.40	0.0011	0.0020
5	-7.20	0.0004	0.0005	5	-3.60	0.	0.	5	-7.20	0.0008	0.0028
6	-7.00	0.0013	0.0018	6	-3.50	0.	0.	6	-7.00	0.0011	0.0039
7	-6.80	0.0018	0.0036	7	-3.40	0.	0.	7	-6.80	0.0013	0.0052
8	-6.60	0.0020	0.0056	8	-3.30	0.	0.	8	-6.60	0.0024	0.0076
9	-6.40	0.0026	0.0082	9	-3.20	0.	0.	9	-6.40	0.0034	0.0109
10	-6.20	0.0031	0.0114	10	-3.10	0.	0.	10	-6.20	0.0050	0.0159
11	-6.00	0.0043	0.0157	11	-3.00	0.	0.	11	-6.00	0.0049	0.0208
12	-5.80	0.0062	0.0219	12	-2.90	0.	0.	12	-5.80	0.0085	0.0293
13	-5.60	0.0081	0.0299	13	-2.80	0.	0.	13	-5.60	0.0097	0.0390
14	-5.40	0.0096	0.0395	14	-2.70	0.	0.	14	-5.40	0.0111	0.0500
15	-5.20	0.0131	0.0526	15	-2.60	0.	0.	15	-5.20	0.0102	0.0602
16	-5.00	0.0153	0.0680	16	-2.50	0.	0.	16	-5.00	0.0147	0.0750
17	-4.80	0.0177	0.0857	17	-2.40	0.0002	0.0002	17	-4.80	0.0162	0.0911
18	-4.60	0.0187	0.1044	18	-2.30	0.0001	0.0002	18	-4.60	0.0214	0.1125
19	-4.40	0.0202	0.1246	19	-2.20	0.0002	0.0004	19	-4.40	0.0194	0.1319
20	-4.20	0.0238	0.1484	20	-2.10	0.0002	0.0006	20	-4.20	0.0209	0.1528
21	-4.00	0.0241	0.1725	21	-2.00	0.0002	0.0008	21	-4.00	0.0212	0.1740
22	-3.80	0.0233	0.1958	22	-1.90	0.0005	0.0014	22	-3.80	0.0208	0.1948
23	-3.60	0.0236	0.2194	23	-1.80	0.0006	0.0019	23	-3.60	0.0202	0.2150
24	-3.40	0.0202	0.2396	24	-1.70	0.0012	0.0031	24	-3.40	0.0221	0.2371
25	-3.20	0.0217	0.2613	25	-1.60	0.0008	0.0040	25	-3.20	0.0190	0.2561
26	-3.00	0.0181	0.2794	26	-1.50	0.0022	0.0062	26	-3.00	0.0187	0.2748
27	-2.80	0.0170	0.2963	27	-1.40	0.0025	0.0088	27	-2.80	0.0193	0.2941
28	-2.60	0.0175	0.3138	28	-1.30	0.0037	0.0124	28	-2.60	0.0169	0.3110
29	-2.40	0.0159	0.3297	29	-1.20	0.0052	0.0177	29	-2.40	0.0180	0.3291
30	-2.20	0.0150	0.3447	30	-1.10	0.0071	0.0248	30	-2.20	0.0149	0.3440
31	-2.00	0.0153	0.3600	31	-1.00	0.0109	0.0356	31	-2.00	0.0151	0.3591
32	-1.80	0.0149	0.3749	32	-0.90	0.0144	0.0500	32	-1.80	0.0161	0.3752
33	-1.60	0.0162	0.3911	33	-0.80	0.0184	0.0685	33	-1.60	0.0174	0.3926
34	-1.40	0.0149	0.4061	34	-0.70	0.0272	0.0957	34	-1.40	0.0138	0.4063
35	-1.20	0.0156	0.4217	35	-0.60	0.0356	0.1313	35	-1.20	0.0159	0.4223
36	-1.00	0.0146	0.4363	36	-0.50	0.0486	0.1798	36	-1.00	0.0177	0.4400
37	-0.80	0.0150	0.4513	37	-0.40	0.0592	0.2390	37	-0.80	0.0119	0.4519
38	-0.60	0.0139	0.4652	38	-0.30	0.0725	0.3115	38	-0.60	0.0144	0.4663
39	-0.40	0.0148	0.4800	39	-0.20	0.0851	0.3966	39	-0.40	0.0153	0.4816
40	-0.20	0.0137	0.4937	40	-0.10	0.0872	0.4838	40	-0.20	0.0158	0.4974
41	0.	0.0153	0.5090	41	0.	0.0895	0.5733	41	0.	0.0135	0.5109
42	0.20	0.0143	0.5233	42	0.10	0.0857	0.6590	42	0.20	0.0149	0.5258
43	0.40	0.0153	0.5386	43	0.20	0.0685	0.7275	43	0.40	0.0145	0.5403
44	0.60	0.0149	0.5535	44	0.30	0.0606	0.7881	44	0.60	0.0159	0.5563
45	0.80	0.0151	0.5686	45	0.40	0.0509	0.8389	45	0.80	0.0142	0.5705
46	1.00	0.0146	0.5833	46	0.50	0.0392	0.8781	46	1.00	0.0155	0.5860
47	1.20	0.0156	0.5989	47	0.60	0.0274	0.9055	47	1.20	0.0159	0.6019
48	1.40	0.0158	0.6146	48	0.70	0.0210	0.9265	48	1.40	0.0170	0.6189
49	1.60	0.0165	0.6311	49	0.80	0.0162	0.9427	49	1.60	0.0164	0.6353
50	1.80	0.0153	0.6464	50	0.90	0.0129	0.9556	50	1.80	0.0166	0.6519
51	2.00	0.0160	0.6624	51	1.00	0.0106	0.9662	51	2.00	0.0165	0.6683
52	2.20	0.0184	0.6809	52	1.10	0.0071	0.9733	52	2.20	0.0158	0.6841
53	2.40	0.0188	0.6997	53	1.20	0.0044	0.9796	53	2.40	0.0168	0.7009
54	2.60	0.0174	0.7171	54	1.30	0.0039	0.9835	54	2.60	0.0223	0.7232
55	2.80	0.0199	0.7369	55	1.40	0.0027	0.9862	55	2.80	0.0201	0.7433
56	3.00	0.0203	0.7572	56	1.50	0.0032	0.9895	56	3.00	0.0210	0.7643
57	3.20	0.0232	0.7804	57	1.60	0.0025	0.9919	57	3.20	0.0212	0.7855
58	3.40	0.0264	0.8068	58	1.70	0.0015	0.9934	58	3.40	0.0233	0.8089
59	3.60	0.0271	0.8339	59	1.80	0.0014	0.9948	59	3.60	0.0242	0.8331
60	3.80	0.0243	0.8582	60	1.90	0.0014	0.9962	60	3.80	0.0203	0.8534
61	4.00	0.0215	0.8797	61	2.00	0.0006	0.9968	61	4.00	0.0212	0.8746
62	4.20	0.0196	0.8993	62	2.10	0.0006	0.9974	62	4.20	0.0194	0.8939
63	4.40	0.0204	0.9197	63	2.20	0.0008	0.9982	63	4.40	0.0169	0.9108
64	4.60	0.0151	0.9347	64	2.30	0.0003	0.9986	64	4.60	0.0153	0.9261
65	4.80	0.0161	0.9509	65	2.40	0.0005	0.9992	65	4.80	0.0145	0.9406
66	5.00	0.0107	0.9615	66	2.50	0.0004	0.9996	66	5.00	0.0121	0.9527
67	5.20	0.0092	0.9707	67	2.60	0.0004	0.9999	67	5.20	0.0097	0.9624
68	5.40	0.0064	0.9772	68	2.70	0.	0.9999	68	5.40	0.0093	0.9717
69	5.60	0.0056	0.9828	69	2.80	0.	0.9999	69	5.60	0.0062	0.9779
70	5.80	0.0046	0.9873	70	2.90	0.	0.9999	70	5.80	0.0059	0.9838
71	6.00	0.0033	0.9906	71	3.00	0.0001	1.0000	71	6.00	0.0048	0.9886
72	6.20	0.0027	0.9933	72	3.10	0.	1.0000	72	6.20	0.0025	0.9912
73	6.40	0.0025	0.9958	73	3.20	0.	1.0000	73	6.40	0.0026	0.9938
74	6.60	0.0020	0.9978	74	3.30	0.	1.0000	74	6.60	0.0022	0.9960
75	6.80	0.0012	0.9990	75	3.40	0.	1.0000	75	6.80	0.0016	0.9975
76	7.00	0.0008	0.9998	76	3.50	0.	1.0000	76	7.00	0.0007	0.9982
77	7.20	0.0002	1.0000	77	3.60	0.	1.0000	77	7.20	0.0004	0.9986
78	7.40	0.	1.0000	78	3.70	0.	1.0000	78	7.40	0.0010	0.9996
79	7.60	0.	1.0000	79	3.80	0.	1.0000	79	7.60	0.0002	0.9998
80	7.80	0.	1.0000	80	3.90	0.	1.0000	80	7.80	0.	0.9998
81	8.00	0.	1.0000	81	4.00	0.	1.0000	81	8.00	0.0001	0.9998

I - INTERVAL NUMBER X - INTERVAL CENTER VALUE

P(X) - PROBABILITY MASS FUNCTION F(X) - CUMULATIVE DISTRIBUTION FUNCTION

WOODS HOLE MASS.

YEARLY STATISTICS

ASTRONOMICAL TIDE				STORM SURGE				TOTAL WATER LEVEL			
MEAN-0.00		STND DEV 0.68		MEAN-0.00		STND DEV 0.42		MEAN 0.00		STND DEV 0.77	
I	X	P(X)	F(X)	I	X	P(X)	F(X)	I	X	P(X)	F(X)
1	-4.00	0.	0.	1	-4.00	0.	0.	1	-6.00	0.	0.
2	-3.90	0.	0.	2	-3.90	0.	0.	2	-5.80	0.	0.
3	-3.80	0.	0.	3	-3.80	0.	0.	3	-5.60	0.	0.
4	-3.70	0.	0.	4	-3.70	0.	0.	4	-5.40	0.	0.
5	-3.60	0.	0.	5	-3.60	0.	0.	5	-5.20	0.	0.
6	-3.50	0.	0.	6	-3.50	0.	0.	6	-5.00	0.	0.
7	-3.40	0.	0.	7	-3.40	0.	0.	7	-4.80	0.	0.
8	-3.30	0.	0.	8	-3.30	0.	0.	8	-4.60	0.	0.
9	-3.20	0.	0.	9	-3.20	0.	0.	9	-4.40	0.	0.
10	-3.10	0.	0.	10	-3.10	0.	0.	10	-4.20	0.	0.
11	-3.00	0.	0.	11	-3.00	0.	0.	11	-4.00	0.	0.
12	-2.90	0.	0.	12	-2.90	0.	0.	12	-3.80	0.	0.
13	-2.80	0.	0.	13	-2.80	0.	0.	13	-3.60	0.	0.
14	-2.70	0.	0.	14	-2.70	0.	0.	14	-3.40	0.	0.
15	-2.60	0.	0.	15	-2.60	0.	0.	15	-3.20	0.0000	0.0000
16	-2.50	0.	0.	16	-2.50	0.	0.	16	-3.00	0.0001	0.0001
17	-2.40	0.	0.	17	-2.40	0.0000	0.0000	17	-2.80	0.0001	0.0002
18	-2.30	0.	0.	18	-2.30	0.0000	0.0001	18	-2.60	0.0004	0.0006
19	-2.20	0.	0.	19	-2.20	0.0000	0.0001	19	-2.40	0.0006	0.0012
20	-2.10	0.	0.	20	-2.10	0.0001	0.0002	20	-2.20	0.0013	0.0026
21	-2.00	0.	0.	21	-2.00	0.0001	0.0002	21	-2.00	0.0024	0.0049
22	-1.90	0.0001	0.0001	22	-1.90	0.0001	0.0003	22	-1.80	0.0049	0.0098
23	-1.80	0.0003	0.0004	23	-1.80	0.0003	0.0006	23	-1.60	0.0095	0.0193
24	-1.70	0.0011	0.0015	24	-1.70	0.0003	0.0009	24	-1.40	0.0166	0.0359
25	-1.60	0.0020	0.0034	25	-1.60	0.0007	0.0016	25	-1.20	0.0286	0.0644
26	-1.50	0.0035	0.0069	26	-1.50	0.0009	0.0025	26	-1.00	0.0450	0.1094
27	-1.40	0.0054	0.0123	27	-1.40	0.0013	0.0038	27	-0.80	0.0651	0.1745
28	-1.30	0.0091	0.0213	28	-1.30	0.0017	0.0055	28	-0.60	0.0879	0.2625
29	-1.20	0.0127	0.0341	29	-1.20	0.0023	0.0078	29	-0.40	0.1038	0.3663
30	-1.10	0.0175	0.0515	30	-1.10	0.0035	0.0113	30	-0.20	0.1068	0.4731
31	-1.00	0.0229	0.0744	31	-1.00	0.0047	0.0159	31	0.	0.0992	0.5723
32	-0.90	0.0280	0.1024	32	-0.90	0.0070	0.0229	32	0.20	0.0888	0.6611
33	-0.80	0.0343	0.1366	33	-0.80	0.0097	0.0326	33	0.40	0.0812	0.7423
34	-0.70	0.0400	0.1767	34	-0.70	0.0154	0.0480	34	0.60	0.0706	0.8129
35	-0.60	0.0482	0.2249	35	-0.60	0.0242	0.0722	35	0.80	0.0587	0.8716
36	-0.50	0.0536	0.2786	36	-0.50	0.0377	0.1099	36	1.00	0.0452	0.9168
37	-0.40	0.0556	0.3342	37	-0.40	0.0563	0.1662	37	1.20	0.0314	0.9482
38	-0.30	0.0563	0.3905	38	-0.30	0.0771	0.2432	38	1.40	0.0212	0.9694
39	-0.20	0.0543	0.4448	39	-0.20	0.0996	0.3428	39	1.60	0.0135	0.9829
40	-0.10	0.0521	0.4968	40	-0.10	0.1151	0.4579	40	1.80	0.0082	0.9911
41	0.	0.0497	0.5465	41	0.	0.1187	0.5766	41	2.00	0.0040	0.9951
42	0.10	0.0475	0.5940	42	0.10	0.1087	0.6852	42	2.20	0.0022	0.9973
43	0.20	0.0458	0.6398	43	0.20	0.0880	0.7732	43	2.40	0.0012	0.9985
44	0.30	0.0450	0.6848	44	0.30	0.0667	0.8399	44	2.60	0.0007	0.9992
45	0.40	0.0443	0.7291	45	0.40	0.0484	0.8883	45	2.80	0.0003	0.9995
46	0.50	0.0429	0.7721	46	0.50	0.0327	0.9209	46	3.00	0.0002	0.9997
47	0.60	0.0406	0.8127	47	0.60	0.0230	0.9439	47	3.20	0.0001	0.9998
48	0.70	0.0363	0.8490	48	0.70	0.0159	0.9598	48	3.40	0.0001	0.9999
49	0.80	0.0327	0.8817	49	0.80	0.0111	0.9710	49	3.60	0.0000	1.0000
50	0.90	0.0273	0.9090	50	0.90	0.0076	0.9786	50	3.80	0.0000	1.0000
51	1.00	0.0236	0.9326	51	1.00	0.0056	0.9842	51	4.00	0.0000	1.0000
52	1.10	0.0184	0.9511	52	1.10	0.0045	0.9886	52	4.20	0.	1.0000
53	1.20	0.0148	0.9659	53	1.20	0.0031	0.9917	53	4.40	0.0000	1.0000
54	1.30	0.0112	0.9771	54	1.30	0.0023	0.9940	54	4.60	0.	1.0000
55	1.40	0.0079	0.9849	55	1.40	0.0016	0.9956	55	4.80	0.	1.0000
56	1.50	0.0054	0.9903	56	1.50	0.0012	0.9968	56	5.00	0.	1.0000
57	1.60	0.0039	0.9942	57	1.60	0.0009	0.9977	57	5.20	0.	1.0000
58	1.70	0.0027	0.9969	58	1.70	0.0005	0.9982	58	5.40	0.	1.0000
59	1.80	0.0018	0.9987	59	1.80	0.0005	0.9987	59	5.60	0.	1.0000
60	1.90	0.0010	0.9997	60	1.90	0.0004	0.9991	60	5.80	0.	1.0000
61	2.00	0.0003	1.0000	61	2.00	0.0002	0.9993	61	6.00	0.	1.0000
62	2.10	0.0000	1.0000	62	2.10	0.0002	0.9995				
63	2.20	0.	1.0000	63	2.20	0.0002	0.9996				
64	2.30	0.	1.0000	64	2.30	0.0001	0.9997				
65	2.40	0.	1.0000	65	2.40	0.0001	0.9998				
66	2.50	0.	1.0000	66	2.50	0.0000	0.9998				
67	2.60	0.	1.0000	67	2.60	0.0000	0.9999				
68	2.70	0.	1.0000	68	2.70	0.0000	0.9999				
69	2.80	0.	1.0000	69	2.80	0.0000	1.0000				
70	2.90	0.	1.0000	70	2.90	0.0000	1.0000				
71	3.00	0.	1.0000	71	3.00	0.	1.0000				
72	3.10	0.	1.0000	72	3.10	0.0000	1.0000				
73	3.20	0.	1.0000	73	3.20	0.	1.0000				
74	3.30	0.	1.0000	74	3.30	0.	1.0000				
75	3.40	0.	1.0000	75	3.40	0.0000	1.0000				
76	3.50	0.	1.0000	76	3.50	0.0000	1.0000				
77	3.60	0.	1.0000	77	3.60	0.	1.0000				
78	3.70	0.	1.0000	78	3.70	0.	1.0000				
79	3.80	0.	1.0000	79	3.80	0.	1.0000				
80	3.90	0.	1.0000	80	3.90	0.	1.0000				
81	4.00	0.	1.0000	81	4.00	0.	1.0000				

I - INTERVAL NUMBER X - INTERVAL CENTER VALUE

P(X) - PROBABILITY MASS FUNCTION F(X) - CUMULATIVE DISTRIBUTION FUNCTION

WOODS HOLE MASS.

STATISTICS FOR JANUARY

ASTPONOMICAL TIDE				STOPM SURGE				TOTAL WATER LEVEL			
MEAN-0.16		STND DEV 0.66		MEAN-0.01		STND DEV 0.55		MEAN-0.16		STND DEV 0.85	
I	X	P(X)	F(X)	I	X	P(X)	F(X)	I	X	P(X)	F(X)
1	-4.00	0.	0.	1	-4.00	0.	0.	1	-6.00	0.	0.
2	-3.90	0.	0.	2	-3.90	0.	0.	2	-5.80	0.	0.
3	-3.80	0.	0.	3	-3.80	0.	0.	3	-5.60	0.	0.
4	-3.70	0.	0.	4	-3.70	0.	0.	4	-5.40	0.	0.
5	-3.60	0.	0.	5	-3.60	0.	0.	5	-5.20	0.	0.
6	-3.50	0.	0.	6	-3.50	0.	0.	6	-5.00	0.	0.
7	-3.40	0.	0.	7	-3.40	0.	0.	7	-4.80	0.	0.
8	-3.30	0.	0.	8	-3.30	0.	0.	8	-4.60	0.	0.
9	-3.20	0.	0.	9	-3.20	0.	0.	9	-4.40	0.	0.
10	-3.10	0.	0.	10	-3.10	0.	0.	10	-4.20	0.	0.
11	-3.00	0.	0.	11	-3.00	0.	0.	11	-4.00	0.	0.
12	-2.90	0.	0.	12	-2.90	0.	0.	12	-3.80	0.	0.
13	-2.80	0.	0.	13	-2.80	0.	0.	13	-3.60	0.	0.
14	-2.70	0.	0.	14	-2.70	0.	0.	14	-3.40	0.	0.
15	-2.60	0.	0.	15	-2.60	0.	0.	15	-3.20	0.0001	0.0001
16	-2.50	0.	0.	16	-2.50	0.	0.	16	-3.00	0.0004	0.0005
17	-2.40	0.	0.	17	-2.40	0.0001	0.0001	17	-2.80	0.0005	0.0010
18	-2.30	0.	0.	18	-2.30	0.0001	0.0001	18	-2.60	0.0016	0.0026
19	-2.20	0.	0.	19	-2.20	0.0002	0.0003	19	-2.40	0.0026	0.0052
20	-2.10	0.	0.	20	-2.10	0.0003	0.0006	20	-2.20	0.0048	0.0100
21	-2.00	0.	0.	21	-2.00	0.0001	0.0008	21	-2.00	0.0071	0.0171
22	-1.90	0.	0.	22	-1.90	0.0002	0.0010	22	-1.80	0.0133	0.0304
23	-1.80	0.0002	0.0002	23	-1.80	0.0014	0.0024	23	-1.60	0.0218	0.0521
24	-1.70	0.0018	0.0020	24	-1.70	0.0008	0.0032	24	-1.40	0.0311	0.0832
25	-1.60	0.0040	0.0059	25	-1.60	0.0017	0.0049	25	-1.20	0.0461	0.1293
26	-1.50	0.0067	0.0127	26	-1.50	0.0024	0.0073	26	-1.00	0.0612	0.1905
27	-1.40	0.0081	0.0208	27	-1.40	0.0029	0.0102	27	-0.80	0.0722	0.2627
28	-1.30	0.0143	0.0351	28	-1.30	0.0038	0.0139	28	-0.60	0.0852	0.3509
29	-1.20	0.0193	0.0544	29	-1.20	0.0062	0.0202	29	-0.40	0.0976	0.4484
30	-1.10	0.0240	0.0785	30	-1.10	0.0091	0.0293	30	-0.20	0.0955	0.5439
31	-1.00	0.0300	0.1085	31	-1.00	0.0131	0.0424	31	0.	0.0897	0.6336
32	-0.90	0.0373	0.1457	32	-0.90	0.0164	0.0588	32	0.20	0.0775	0.7112
33	-0.80	0.0458	0.1915	33	-0.80	0.0178	0.0765	33	0.40	0.0720	0.7832
34	-0.70	0.0554	0.2469	34	-0.70	0.0277	0.1043	34	0.60	0.0601	0.8432
35	-0.60	0.0654	0.3123	35	-0.60	0.0400	0.1443	35	0.80	0.0483	0.8915
36	-0.50	0.0643	0.3766	36	-0.50	0.0530	0.1973	36	1.00	0.0369	0.9284
37	-0.40	0.0567	0.4334	37	-0.40	0.0613	0.2585	37	1.20	0.0275	0.9559
38	-0.30	0.0584	0.4917	38	-0.30	0.0693	0.3279	38	1.40	0.0173	0.9731
39	-0.20	0.0488	0.5405	39	-0.20	0.0739	0.4017	39	1.60	0.0117	0.9848
40	-0.10	0.0474	0.5879	40	-0.10	0.0756	0.4774	40	1.80	0.0071	0.9919
41	0.	0.0459	0.6338	41	0.	0.0781	0.5555	41	2.00	0.0031	0.9950
42	0.10	0.0435	0.6774	42	0.10	0.0763	0.6317	42	2.20	0.0017	0.9967
43	0.20	0.0401	0.7175	43	0.20	0.0689	0.7006	43	2.40	0.0015	0.9982
44	0.30	0.0415	0.7589	44	0.30	0.0637	0.7643	44	2.60	0.0011	0.9993
45	0.40	0.0402	0.7991	45	0.40	0.0536	0.8179	45	2.80	0.0004	0.9997
46	0.50	0.0354	0.8345	46	0.50	0.0436	0.8615	46	3.00	0.0002	0.9999
47	0.60	0.0353	0.8700	47	0.60	0.0347	0.8962	47	3.20	0.0001	1.0000
48	0.70	0.0296	0.8996	48	0.70	0.0254	0.9216	48	3.40	0.	1.0000
49	0.80	0.0240	0.9237	49	0.80	0.0195	0.9411	49	3.60	0.	1.0000
50	0.90	0.0200	0.9437	50	0.90	0.0145	0.9556	50	3.80	0.	1.0000
51	1.00	0.0169	0.9606	51	1.00	0.0125	0.9680	51	4.00	0.	1.0000
52	1.10	0.0121	0.9727	52	1.10	0.0099	0.9779	52	4.20	0.	1.0000
53	1.20	0.0078	0.9805	53	1.20	0.0064	0.9844	53	4.40	0.	1.0000
54	1.30	0.0065	0.9870	54	1.30	0.0038	0.9881	54	4.60	0.	1.0000
55	1.40	0.0042	0.9912	55	1.40	0.0026	0.9907	55	4.80	0.	1.0000
56	1.50	0.0034	0.9946	56	1.50	0.0030	0.9938	56	5.00	0.	1.0000
57	1.60	0.0030	0.9976	57	1.60	0.0020	0.9958	57	5.20	0.	1.0000
58	1.70	0.0018	0.9994	58	1.70	0.0016	0.9974	58	5.40	0.	1.0000
59	1.80	0.0006	1.0000	59	1.80	0.0011	0.9984	59	5.60	0.	1.0000
60	1.90	0.	1.0000	60	1.90	0.0009	0.9994	60	5.80	0.	1.0000
61	2.00	0.	1.0000	61	2.00	0.0002	0.9996	61	6.00	0.	1.0000
62	2.10	0.	1.0000	62	2.10	0.0002	0.9998				
63	2.20	0.	1.0000	63	2.20	0.0002	1.0000				
64	2.30	0.	1.0000	64	2.30	0.	1.0000				
65	2.40	0.	1.0000	65	2.40	0.	1.0000				
66	2.50	0.	1.0000	66	2.50	0.	1.0000				
67	2.60	0.	1.0000	67	2.60	0.	1.0000				
68	2.70	0.	1.0000	68	2.70	0.	1.0000				
69	2.80	0.	1.0000	69	2.80	0.	1.0000				
70	2.90	0.	1.0000	70	2.90	0.	1.0000				
71	3.00	0.	1.0000	71	3.00	0.	1.0000				
72	3.10	0.	1.0000	72	3.10	0.	1.0000				
73	3.20	0.	1.0000	73	3.20	0.	1.0000				
74	3.30	0.	1.0000	74	3.30	0.	1.0000				
75	3.40	0.	1.0000	75	3.40	0.	1.0000				
76	3.50	0.	1.0000	76	3.50	0.	1.0000				
77	3.60	0.	1.0000	77	3.60	0.	1.0000				
78	3.70	0.	1.0000	78	3.70	0.	1.0000				
79	3.80	0.	1.0000	79	3.80	0.	1.0000				
80	3.90	0.	1.0000	80	3.90	0.	1.0000				
81	4.00	0.	1.0000	81	4.00	0.	1.0000				

I - INTERVAL NUMBER X - INTERVAL CENTER VALUE

P(X) - PROBABILITY MASS FUNCTION F(X) - CUMULATIVE DISTRIBUTION FUNCTION

WOODS HOLE MASS.

STATISTICS FOR FEBRUARY

ASTRONOMICAL TIDE			
MEAN-0.24		STND DEV 0.66	
I	X	P(X)	F(X)
1	-4.00	0.	0.
2	-3.90	0.	0.
3	-3.80	0.	0.
4	-3.70	0.	0.
5	-3.60	0.	0.
6	-3.50	0.	0.
7	-3.40	0.	0.
8	-3.30	0.	0.
9	-3.20	0.	0.
10	-3.10	0.	0.
11	-3.00	0.	0.
12	-2.90	0.	0.
13	-2.80	0.	0.
14	-2.70	0.	0.
15	-2.60	0.	0.
16	-2.50	0.	0.
17	-2.40	0.	0.
18	-2.30	0.	0.
19	-2.20	0.	0.
20	-2.10	0.	0.
21	-2.00	0.	0.
22	-1.90	0.0002	0.0002
23	-1.80	0.0012	0.0013
24	-1.70	0.0041	0.0054
25	-1.60	0.0057	0.0111
26	-1.50	0.0102	0.0213
27	-1.40	0.0141	0.0354
28	-1.30	0.0181	0.0535
29	-1.20	0.0265	0.0800
30	-1.10	0.0292	0.1092
31	-1.00	0.0364	0.1456
32	-0.90	0.0425	0.1881
33	-0.80	0.0490	0.2371
34	-0.70	0.0565	0.2936
35	-0.60	0.0673	0.3609
36	-0.50	0.0629	0.4237
37	-0.40	0.0579	0.4816
38	-0.30	0.0516	0.5332
39	-0.20	0.0474	0.5806
40	-0.10	0.0459	0.6265
41	0.	0.0441	0.6706
42	0.10	0.0386	0.7091
43	0.20	0.0410	0.7501
44	0.30	0.0370	0.7871
45	0.40	0.0378	0.8249
46	0.50	0.0377	0.8626
47	0.60	0.0289	0.8915
48	0.70	0.0280	0.9195
49	0.80	0.0230	0.9425
50	0.90	0.0172	0.9597
51	1.00	0.0146	0.9743
52	1.10	0.0092	0.9835
53	1.20	0.0068	0.9903
54	1.30	0.0045	0.9948
55	1.40	0.0024	0.9972
56	1.50	0.0019	0.9992
57	1.60	0.0009	1.0000
58	1.70	0.	1.0000
59	1.80	0.	1.0000
60	1.90	0.	1.0000
61	2.00	0.	1.0000
62	2.10	0.	1.0000
63	2.20	0.	1.0000
64	2.30	0.	1.0000
65	2.40	0.	1.0000
66	2.50	0.	1.0000
67	2.60	0.	1.0000
68	2.70	0.	1.0000
69	2.80	0.	1.0000
70	2.90	0.	1.0000
71	3.00	0.	1.0000
72	3.10	0.	1.0000
73	3.20	0.	1.0000
74	3.30	0.	1.0000
75	3.40	0.	1.0000
76	3.50	0.	1.0000
77	3.60	0.	1.0000
78	3.70	0.	1.0000
79	3.80	0.	1.0000
80	3.90	0.	1.0000
81	4.00	0.	1.0000

STORM SURGE			
MEAN 0.05		STND DEV 0.54	
I	X	P(X)	F(X)
1	-4.00	0.	0.
2	-3.90	0.	0.
3	-3.80	0.	0.
4	-3.70	0.	0.
5	-3.60	0.	0.
6	-3.50	0.	0.
7	-3.40	0.	0.
8	-3.30	0.	0.
9	-3.20	0.	0.
10	-3.10	0.	0.
11	-3.00	0.	0.
12	-2.90	0.	0.
13	-2.80	0.	0.
14	-2.70	0.	0.
15	-2.60	0.	0.
16	-2.50	0.	0.
17	-2.40	0.	0.
18	-2.30	0.	0.
19	-2.20	0.	0.
20	-2.10	0.	0.
21	-2.00	0.0001	0.0001
22	-1.90	0.0005	0.0006
23	-1.80	0.0005	0.0011
24	-1.70	0.0011	0.0022
25	-1.60	0.0022	0.0044
26	-1.50	0.0017	0.0061
27	-1.40	0.0036	0.0096
28	-1.30	0.0047	0.0143
29	-1.20	0.0058	0.0201
30	-1.10	0.0060	0.0261
31	-1.00	0.0090	0.0351
32	-0.90	0.0118	0.0468
33	-0.80	0.0166	0.0635
34	-0.70	0.0199	0.0833
35	-0.60	0.0291	0.1124
36	-0.50	0.0395	0.1519
37	-0.40	0.0482	0.2001
38	-0.30	0.0582	0.2583
39	-0.20	0.0707	0.3291
40	-0.10	0.0831	0.4121
41	0.	0.0843	0.4965
42	0.10	0.0836	0.5800
43	0.20	0.0775	0.6575
44	0.30	0.0717	0.7293
45	0.40	0.0642	0.7934
46	0.50	0.0522	0.8457
47	0.60	0.0409	0.8866
48	0.70	0.0315	0.9180
49	0.80	0.0233	0.9414
50	0.90	0.0167	0.9581
51	1.00	0.0106	0.9687
52	1.10	0.0089	0.9776
53	1.20	0.0057	0.9833
54	1.30	0.0046	0.9879
55	1.40	0.0026	0.9905
56	1.50	0.0026	0.9931
57	1.60	0.0015	0.9945
58	1.70	0.0011	0.9956
59	1.80	0.0008	0.9964
60	1.90	0.0009	0.9972
61	2.00	0.0007	0.9980
62	2.10	0.0003	0.9983
63	2.20	0.0007	0.9990
64	2.30	0.0004	0.9994
65	2.40	0.0001	0.9994
66	2.50	0.0001	0.9995
67	2.60	0.0002	0.9998
68	2.70	0.	0.9998
69	2.80	0.	0.9998
70	2.90	0.0002	0.9999
71	3.00	0.	0.9999
72	3.10	0.0001	1.0000
73	3.20	0.	1.0000
74	3.30	0.	1.0000
75	3.40	0.	1.0000
76	3.50	0.	1.0000
77	3.60	0.	1.0000
78	3.70	0.	1.0000
79	3.80	0.	1.0000
80	3.90	0.	1.0000
81	4.00	0.	1.0000

TOTAL WATER LEVEL			
MEAN-0.18		STND DEV 0.83	
I	X	P(X)	F(X)
1	-6.00	0.	0.
2	-5.80	0.	0.
3	-5.60	0.	0.
4	-5.40	0.	0.
5	-5.20	0.	0.
6	-5.00	0.	0.
7	-4.80	0.	0.
8	-4.60	0.	0.
9	-4.40	0.	0.
10	-4.20	0.	0.
11	-4.00	0.	0.
12	-3.80	0.	0.
13	-3.60	0.	0.
14	-3.40	0.	0.
15	-3.20	0.0001	0.0001
16	-3.00	0.	0.0001
17	-2.80	0.0002	0.0003
18	-2.60	0.0010	0.0013
19	-2.40	0.0018	0.0031
20	-2.20	0.0034	0.0065
21	-2.00	0.0062	0.0127
22	-1.80	0.0144	0.0271
23	-1.60	0.0217	0.0488
24	-1.40	0.0319	0.0807
25	-1.20	0.0476	0.1283
26	-1.00	0.0662	0.1945
27	-0.80	0.0825	0.2771
28	-0.60	0.0921	0.3692
29	-0.40	0.0941	0.4633
30	-0.20	0.0953	0.5585
31	0.	0.0862	0.6447
32	0.20	0.0768	0.7215
33	0.40	0.0690	0.7905
34	0.60	0.0583	0.8488
35	0.80	0.0490	0.8978
36	1.00	0.0362	0.9340
37	1.20	0.0237	0.9576
38	1.40	0.0171	0.9747
39	1.60	0.0106	0.9853
40	1.80	0.0069	0.9922
41	2.00	0.0032	0.9954
42	2.20	0.0020	0.9974
43	2.40	0.0007	0.9981
44	2.60	0.0008	0.9989
45	2.80	0.0003	0.9992
46	3.00	0.0002	0.9994
47	3.20	0.0003	0.9998
48	3.40	0.0002	0.9999
49	3.60	0.0001	1.0000
50	3.80	0.	1.0000
51	4.00	0.	1.0000
52	4.20	0.	1.0000
53	4.40	0.	1.0000
54	4.60	0.	1.0000
55	4.80	0.	1.0000
56	5.00	0.	1.0000
57	5.20	0.	1.0000
58	5.40	0.	1.0000
59	5.60	0.	1.0000
60	5.80	0.	1.0000
61	6.00	0.	1.0000

I - INTERVAL NUMBER X - INTERVAL CENTER VALUE

P(X) - PROBABILITY MASS FUNCTION F(X) - CUMULATIVE DISTRIBUTION FUNCTION

WOODS HOLE MASS.

STATISTICS FOR MARCH

ASTRONOMICAL TIDE				STORM SURGE				TOTAL WATER LEVEL			
MEAN-0.21		STND DEV 0.66		MEAN 0.12		STND DEV 0.51		MEAN-0.08		STND DEV 0.81	
I	X	P(X)	F(X)	I	X	P(X)	F(X)	I	X	P(X)	F(X)
1	-4.00	0.	0.	1	-4.00	0.	0.	1	-6.00	0.	0.
2	-3.90	0.	0.	2	-3.90	0.	0.	2	-5.80	0.	0.
3	-3.80	0.	0.	3	-3.80	0.	0.	3	-5.60	0.	0.
4	-3.70	0.	0.	4	-3.70	0.	0.	4	-5.40	0.	0.
5	-3.60	0.	0.	5	-3.60	0.	0.	5	-5.20	0.	0.
6	-3.50	0.	0.	6	-3.50	0.	0.	6	-5.00	0.	0.
7	-3.40	0.	0.	7	-3.40	0.	0.	7	-4.80	0.	0.
8	-3.30	0.	0.	8	-3.30	0.	0.	8	-4.60	0.	0.
9	-3.20	0.	0.	9	-3.20	0.	0.	9	-4.40	0.	0.
10	-3.10	0.	0.	10	-3.10	0.	0.	10	-4.20	0.	0.
11	-3.00	0.	0.	11	-3.00	0.	0.	11	-4.00	0.	0.
12	-2.90	0.	0.	12	-2.90	0.	0.	12	-3.80	0.	0.
13	-2.80	0.	0.	13	-2.80	0.	0.	13	-3.60	0.	0.
14	-2.70	0.	0.	14	-2.70	0.	0.	14	-3.40	0.	0.
15	-2.60	0.	0.	15	-2.60	0.	0.	15	-3.20	0.	0.
16	-2.50	0.	0.	16	-2.50	0.	0.	16	-3.00	0.0001	0.0001
17	-2.40	0.	0.	17	-2.40	0.	0.	17	-2.80	0.0001	0.0002
18	-2.30	0.	0.	18	-2.30	0.	0.	18	-2.60	0.0007	0.0008
19	-2.20	0.	0.	19	-2.20	0.	0.	19	-2.40	0.0014	0.0022
20	-2.10	0.	0.	20	-2.10	0.	0.	20	-2.20	0.0025	0.0047
21	-2.00	0.	0.	21	-2.00	0.	0.	21	-2.00	0.0040	0.0087
22	-1.90	0.0006	0.0006	22	-1.90	0.	0.	22	-1.80	0.0079	0.0166
23	-1.80	0.0014	0.0020	23	-1.80	0.0002	0.0002	23	-1.60	0.0166	0.0332
24	-1.70	0.0036	0.0056	24	-1.70	0.0006	0.0008	24	-1.40	0.0237	0.0569
25	-1.60	0.0057	0.0113	25	-1.60	0.0010	0.0017	25	-1.20	0.0397	0.0966
26	-1.50	0.0086	0.0199	26	-1.50	0.0013	0.0031	26	-1.00	0.0568	0.1533
27	-1.40	0.0109	0.0308	27	-1.40	0.0022	0.0052	27	-0.80	0.0694	0.2227
28	-1.30	0.0175	0.0482	28	-1.30	0.0020	0.0072	28	-0.60	0.0905	0.3132
29	-1.20	0.0220	0.0702	29	-1.20	0.0023	0.0096	29	-0.40	0.0977	0.4109
30	-1.10	0.0278	0.0980	30	-1.10	0.0037	0.0132	30	-0.20	0.1007	0.5117
31	-1.00	0.0373	0.1353	31	-1.00	0.0062	0.0194	31	0.	0.0942	0.6058
32	-0.90	0.0414	0.1767	32	-0.90	0.0073	0.0267	32	0.20	0.0822	0.6880
33	-0.80	0.0468	0.2235	33	-0.80	0.0121	0.0388	33	0.40	0.0757	0.7637
34	-0.70	0.0508	0.2743	34	-0.70	0.0173	0.0561	34	0.60	0.0628	0.8265
35	-0.60	0.0566	0.3309	35	-0.60	0.0217	0.0779	35	0.80	0.0547	0.8812
36	-0.50	0.0605	0.3914	36	-0.50	0.0304	0.1082	36	1.00	0.0422	0.9234
37	-0.40	0.0582	0.4496	37	-0.40	0.0418	0.1500	37	1.20	0.0294	0.9528
38	-0.30	0.0496	0.4992	38	-0.30	0.0555	0.2055	38	1.40	0.0180	0.9708
39	-0.20	0.0514	0.5506	39	-0.20	0.0703	0.2758	39	1.60	0.0130	0.9838
40	-0.10	0.0463	0.5969	40	-0.10	0.0846	0.3604	40	1.80	0.0069	0.9907
41	0.	0.0471	0.6440	41	0.	0.0924	0.4528	41	2.00	0.0031	0.9938
42	0.10	0.0431	0.6871	42	0.10	0.0941	0.5469	42	2.20	0.0022	0.9960
43	0.20	0.0430	0.7301	43	0.20	0.0873	0.6342	43	2.40	0.0014	0.9974
44	0.30	0.0430	0.7731	44	0.30	0.0818	0.7160	44	2.60	0.0011	0.9984
45	0.40	0.0375	0.8106	45	0.40	0.0694	0.7855	45	2.80	0.0005	0.9989
46	0.50	0.0380	0.8486	46	0.50	0.0503	0.8357	46	3.00	0.0005	0.9993
47	0.60	0.0348	0.8834	47	0.60	0.0404	0.8761	47	3.20	0.0005	0.9998
48	0.70	0.0304	0.9138	48	0.70	0.0305	0.9066	48	3.40	0.0002	1.0000
49	0.80	0.0286	0.9424	49	0.80	0.0223	0.9289	49	3.60	0.	1.0000
50	0.90	0.0186	0.9610	50	0.90	0.0157	0.9446	50	3.80	0.	1.0000
51	1.00	0.0154	0.9763	51	1.00	0.0121	0.9567	51	4.00	0.	1.0000
52	1.10	0.0087	0.9850	52	1.10	0.0111	0.9677	52	4.20	0.	1.0000
53	1.20	0.0069	0.9930	53	1.20	0.0075	0.9752	53	4.40	0.	1.0000
54	1.30	0.0040	0.9970	54	1.30	0.0056	0.9808	54	4.60	0.	1.0000
55	1.40	0.0023	0.9993	55	1.40	0.0044	0.9852	55	4.80	0.	1.0000
56	1.50	0.0007	1.0000	56	1.50	0.0035	0.9887	56	5.00	0.	1.0000
57	1.60	0.	1.0000	57	1.60	0.0026	0.9913	57	5.20	0.	1.0000
58	1.70	0.	1.0000	58	1.70	0.0014	0.9928	58	5.40	0.	1.0000
59	1.80	0.	1.0000	59	1.80	0.0018	0.9946	59	5.60	0.	1.0000
60	1.90	0.	1.0000	60	1.90	0.0013	0.9959	60	5.80	0.	1.0000
61	2.00	0.	1.0000	61	2.00	0.0011	0.9970	61	6.00	0.	1.0000
62	2.10	0.	1.0000	62	2.10	0.0011	0.9981				
63	2.20	0.	1.0000	63	2.20	0.0007	0.9987				
64	2.30	0.	1.0000	64	2.30	0.0004	0.9991				
65	2.40	0.	1.0000	65	2.40	0.0005	0.9996				
66	2.50	0.	1.0000	66	2.50	0.0002	0.9997				
67	2.60	0.	1.0000	67	2.60	0.	0.9997				
68	2.70	0.	1.0000	68	2.70	0.	0.9997				
69	2.80	0.	1.0000	69	2.80	0.0002	0.9999				
70	2.90	0.	1.0000	70	2.90	0.0001	1.0000				
71	3.00	0.	1.0000	71	3.00	0.	1.0000				
72	3.10	0.	1.0000	72	3.10	0.	1.0000				
73	3.20	0.	1.0000	73	3.20	0.	1.0000				
74	3.30	0.	1.0000	74	3.30	0.	1.0000				
75	3.40	0.	1.0000	75	3.40	0.	1.0000				
76	3.50	0.	1.0000	76	3.50	0.	1.0000				
77	3.60	0.	1.0000	77	3.60	0.	1.0000				
78	3.70	0.	1.0000	78	3.70	0.	1.0000				
79	3.80	0.	1.0000	79	3.80	0.	1.0000				
80	3.90	0.	1.0000	80	3.90	0.	1.0000				
81	4.00	0.	1.0000	81	4.00	0.	1.0000				

I - INTERVAL NUMBER X - INTERVAL CENTER VALUE

P(X) - PROBABILITY MASS FUNCTION F(X) - CUMULATIVE DISTRIBUTION FUNCTION

WOODS HOLE MASS.

STATISTICS FOR APRIL

ASTRONOMICAL TIDE				STORM SURGE				TOTAL WATER LEVEL			
MEAN-0.09		STND DEV 0.66		MEAN 0.01		STND DEV 0.41		MEAN-0.07		STND DEV 0.75	
I	X	P(X)	F(X)	I	X	P(X)	F(X)	I	X	P(X)	F(X)
1	-4.00	0.	0.	1	-4.00	0.	0.	1	-6.00	0.	0.
2	-3.90	0.	0.	2	-3.90	0.	0.	2	-5.80	0.	0.
3	-3.80	0.	0.	3	-3.80	0.	0.	3	-5.60	0.	0.
4	-3.70	0.	0.	4	-3.70	0.	0.	4	-5.40	0.	0.
5	-3.60	0.	0.	5	-3.60	0.	0.	5	-5.20	0.	0.
6	-3.50	0.	0.	6	-3.50	0.	0.	6	-5.00	0.	0.
7	-3.40	0.	0.	7	-3.40	0.	0.	7	-4.80	0.	0.
8	-3.30	0.	0.	8	-3.30	0.	0.	8	-4.60	0.	0.
9	-3.20	0.	0.	9	-3.20	0.	0.	9	-4.40	0.	0.
10	-3.10	0.	0.	10	-3.10	0.	0.	10	-4.20	0.	0.
11	-3.00	0.	0.	11	-3.00	0.	0.	11	-4.00	0.	0.
12	-2.90	0.	0.	12	-2.90	0.	0.	12	-3.80	0.	0.
13	-2.80	0.	0.	13	-2.80	0.	0.	13	-3.60	0.	0.
14	-2.70	0.	0.	14	-2.70	0.	0.	14	-3.40	0.	0.
15	-2.60	0.	0.	15	-2.60	0.	0.	15	-3.20	0.	0.
16	-2.50	0.	0.	16	-2.50	0.	0.	16	-3.00	0.	0.
17	-2.40	0.	0.	17	-2.40	0.	0.	17	-2.80	0.	0.
18	-2.30	0.	0.	18	-2.30	0.	0.	18	-2.60	0.0001	0.0001
19	-2.20	0.	0.	19	-2.20	0.	0.	19	-2.40	0.0003	0.0004
20	-2.10	0.	0.	20	-2.10	0.	0.	20	-2.20	0.0012	0.0015
21	-2.00	0.	0.	21	-2.00	0.	0.	21	-2.00	0.0021	0.0036
22	-1.90	0.0002	0.0002	22	-1.90	0.	0.	22	-1.80	0.0041	0.0077
23	-1.80	0.0011	0.0012	23	-1.80	0.	0.	23	-1.60	0.0101	0.0178
24	-1.70	0.0020	0.0032	24	-1.70	0.	0.	24	-1.40	0.0207	0.0385
25	-1.60	0.0036	0.0069	25	-1.60	0.0002	0.0002	25	-1.20	0.0335	0.0720
26	-1.50	0.0059	0.0127	26	-1.50	0.0003	0.0005	26	-1.00	0.0523	0.1243
27	-1.40	0.0075	0.0202	27	-1.40	0.0004	0.0009	27	-0.80	0.0734	0.1977
28	-1.30	0.0130	0.0332	28	-1.30	0.0005	0.0014	28	-0.60	0.0934	0.2911
29	-1.20	0.0159	0.0491	29	-1.20	0.0008	0.0022	29	-0.40	0.1084	0.3995
30	-1.10	0.0214	0.0705	30	-1.10	0.0012	0.0034	30	-0.20	0.1085	0.5080
31	-1.00	0.0290	0.0995	31	-1.00	0.0015	0.0049	31	0.	0.1042	0.6122
32	-0.90	0.0338	0.1333	32	-0.90	0.0042	0.0092	32	0.20	0.0886	0.7008
33	-0.80	0.0397	0.1730	33	-0.80	0.0083	0.0175	33	0.40	0.0633	0.7641
34	-0.70	0.0440	0.2170	34	-0.70	0.0144	0.0319	34	0.60	0.0437	0.8078
35	-0.60	0.0492	0.2661	35	-0.60	0.0253	0.0572	35	0.80	0.0298	0.8375
36	-0.50	0.0521	0.3182	36	-0.50	0.0422	0.0994	36	1.00	0.0366	0.9341
37	-0.40	0.0549	0.3732	37	-0.40	0.0718	0.1712	37	1.20	0.0262	0.9603
38	-0.30	0.0542	0.4274	38	-0.30	0.0915	0.2627	38	1.40	0.0165	0.9768
39	-0.20	0.0523	0.4797	39	-0.20	0.1086	0.3714	39	1.60	0.0099	0.9866
40	-0.10	0.0501	0.5298	40	-0.10	0.1057	0.4771	40	1.80	0.0054	0.9920
41	0.	0.0464	0.5762	41	0.	0.0978	0.5749	41	2.00	0.0026	0.9946
42	0.10	0.0484	0.6245	42	0.10	0.0907	0.6657	42	2.20	0.0022	0.9968
43	0.20	0.0486	0.6732	43	0.20	0.0825	0.7482	43	2.40	0.0015	0.9984
44	0.30	0.0463	0.7194	44	0.30	0.0671	0.8152	44	2.60	0.0009	0.9993
45	0.40	0.0469	0.7664	45	0.40	0.0530	0.8682	45	2.80	0.0002	0.9995
46	0.50	0.0459	0.8123	46	0.50	0.0417	0.9099	46	3.00	0.0004	0.9999
47	0.60	0.0407	0.8530	47	0.60	0.0296	0.9395	47	3.20	0.0001	1.0000
48	0.70	0.0324	0.8854	48	0.70	0.0176	0.9571	48	3.40	0.	1.0000
49	0.80	0.0299	0.9154	49	0.80	0.0102	0.9673	49	3.60	0.	1.0000
50	0.90	0.0224	0.9377	50	0.90	0.0089	0.9762	50	3.80	0.	1.0000
51	1.00	0.0198	0.9575	51	1.00	0.0073	0.9835	51	4.00	0.	1.0000
52	1.10	0.0158	0.9733	52	1.10	0.0046	0.9880	52	4.20	0.	1.0000
53	1.20	0.0096	0.9829	53	1.20	0.0036	0.9917	53	4.40	0.	1.0000
54	1.30	0.0066	0.9894	54	1.30	0.0026	0.9943	54	4.60	0.	1.0000
55	1.40	0.0050	0.9944	55	1.40	0.0019	0.9961	55	4.80	0.	1.0000
56	1.50	0.0031	0.9975	56	1.50	0.0015	0.9976	56	5.00	0.	1.0000
57	1.60	0.0016	0.9992	57	1.60	0.0011	0.9987	57	5.20	0.	1.0000
58	1.70	0.0005	0.9996	58	1.70	0.0005	0.9992	58	5.40	0.	1.0000
59	1.80	0.0004	1.0000	59	1.80	0.0004	0.9996	59	5.60	0.	1.0000
60	1.90	0.	1.0000	60	1.90	0.0002	0.9998	60	5.80	0.	1.0000
61	2.00	0.	1.0000	61	2.00	0.	0.9998	61	6.00	0.	1.0000
62	2.10	0.	1.0000	62	2.10	0.	0.9998				
63	2.20	0.	1.0000	63	2.20	0.	0.9998				
64	2.30	0.	1.0000	64	2.30	0.	0.9998				
65	2.40	0.	1.0000	65	2.40	0.0002	1.0000				
66	2.50	0.	1.0000	66	2.50	0.	1.0000				
67	2.60	0.	1.0000	67	2.60	0.	1.0000				
68	2.70	0.	1.0000	68	2.70	0.	1.0000				
69	2.80	0.	1.0000	69	2.80	0.	1.0000				
70	2.90	0.	1.0000	70	2.90	0.	1.0000				
71	3.00	0.	1.0000	71	3.00	0.	1.0000				
72	3.10	0.	1.0000	72	3.10	0.	1.0000				
73	3.20	0.	1.0000	73	3.20	0.	1.0000				
74	3.30	0.	1.0000	74	3.30	0.	1.0000				
75	3.40	0.	1.0000	75	3.40	0.	1.0000				
76	3.50	0.	1.0000	76	3.50	0.	1.0000				
77	3.60	0.	1.0000	77	3.60	0.	1.0000				
78	3.70	0.	1.0000	78	3.70	0.	1.0000				
79	3.80	0.	1.0000	79	3.80	0.	1.0000				
80	3.90	0.	1.0000	80	3.90	0.	1.0000				
81	4.00	0.	1.0000	81	4.00	0.	1.0000				

I - INTERVAL NUMBER X - INTERVAL CENTER VALUE

P(X) - PROBABILITY MASS FUNCTION F(X) - CUMULATIVE DISTRIBUTION FUNCTION

WOODS HOLE MASS.

STATISTICS FOR MAY

ASTRONOMICAL TIDE				STORM SURGE				TOTAL WATER LEVEL			
MEAN 0.02		STND DEV 0.67		MEAN-0.07		STND DEV 0.31		MEAN-0.05		STND DEV 0.71	
I	X	P(X)	F(X)	I	X	P(X)	F(X)	I	X	P(X)	F(X)
1	-4.00	0.	0.	1	-4.00	0.	0.	1	-6.00	0.	0.
2	-3.90	0.	0.	2	-3.90	0.	0.	2	-5.80	0.	0.
3	-3.80	0.	0.	3	-3.80	0.	0.	3	-5.60	0.	0.
4	-3.70	0.	0.	4	-3.70	0.	0.	4	-5.40	0.	0.
5	-3.60	0.	0.	5	-3.60	0.	0.	5	-5.20	0.	0.
6	-3.50	0.	0.	6	-3.50	0.	0.	6	-5.00	0.	0.
7	-3.40	0.	0.	7	-3.40	0.	0.	7	-4.80	0.	0.
8	-3.30	0.	0.	8	-3.30	0.	0.	8	-4.60	0.	0.
9	-3.20	0.	0.	9	-3.20	0.	0.	9	-4.40	0.	0.
10	-3.10	0.	0.	10	-3.10	0.	0.	10	-4.20	0.	0.
11	-3.00	0.	0.	11	-3.00	0.	0.	11	-4.00	0.	0.
12	-2.90	0.	0.	12	-2.90	0.	0.	12	-3.80	0.	0.
13	-2.80	0.	0.	13	-2.80	0.	0.	13	-3.60	0.	0.
14	-2.70	0.	0.	14	-2.70	0.	0.	14	-3.40	0.	0.
15	-2.60	0.	0.	15	-2.60	0.	0.	15	-3.20	0.	0.
16	-2.50	0.	0.	16	-2.50	0.	0.	16	-3.00	0.	0.
17	-2.40	0.	0.	17	-2.40	0.	0.	17	-2.80	0.	0.
18	-2.30	0.	0.	18	-2.30	0.	0.	18	-2.60	0.	0.
19	-2.20	0.	0.	19	-2.20	0.	0.	19	-2.40	0.	0.
20	-2.10	0.	0.	20	-2.10	0.	0.	20	-2.20	0.0002	0.0002
21	-2.00	0.	0.	21	-2.00	0.	0.	21	-2.00	0.0005	0.0006
22	-1.90	0.	0.	22	-1.90	0.	0.	22	-1.80	0.0037	0.0043
23	-1.80	0.0001	0.0001	23	-1.80	0.	0.	23	-1.60	0.0079	0.0122
24	-1.70	0.0013	0.0013	24	-1.70	0.	0.	24	-1.40	0.0154	0.0275
25	-1.60	0.0024	0.0037	25	-1.60	0.	0.	25	-1.20	0.0287	0.0562
26	-1.50	0.0028	0.0065	26	-1.50	0.	0.	26	-1.00	0.0471	0.1033
27	-1.40	0.0055	0.0119	27	-1.40	0.	0.	27	-0.80	0.0771	0.1804
28	-1.30	0.0088	0.0207	28	-1.30	0.	0.	28	-0.60	0.0958	0.2762
29	-1.20	0.0108	0.0315	29	-1.20	0.	0.	29	-0.40	0.1127	0.3889
30	-1.10	0.0172	0.0487	30	-1.10	0.0005	0.0005	30	-0.20	0.1057	0.4946
31	-1.00	0.0212	0.0699	31	-1.00	0.0010	0.0015	31	0.	0.1043	0.5988
32	-0.90	0.0247	0.0946	32	-0.90	0.0027	0.0042	32	0.20	0.1009	0.6998
33	-0.80	0.0346	0.1291	33	-0.80	0.0059	0.0101	33	0.40	0.0800	0.7797
34	-0.70	0.0374	0.1665	34	-0.70	0.0123	0.0224	34	0.60	0.0674	0.8472
35	-0.60	0.0493	0.2158	35	-0.60	0.0310	0.0534	35	0.80	0.0546	0.9017
36	-0.50	0.0523	0.2681	36	-0.50	0.0502	0.1036	36	1.00	0.0366	0.9383
37	-0.40	0.0493	0.3174	37	-0.40	0.0773	0.1809	37	1.20	0.0231	0.9614
38	-0.30	0.0538	0.3713	38	-0.30	0.1050	0.2859	38	1.40	0.0157	0.9771
39	-0.20	0.0508	0.4221	39	-0.20	0.1292	0.4152	39	1.60	0.0113	0.9884
40	-0.10	0.0520	0.4742	40	-0.10	0.1280	0.5432	40	1.80	0.0072	0.9956
41	0.	0.0509	0.5251	41	0.	0.1234	0.6666	41	2.00	0.0028	0.9984
42	0.10	0.0484	0.5735	42	0.10	0.1019	0.7685	42	2.20	0.0007	0.9991
43	0.20	0.0475	0.6210	43	0.20	0.0830	0.8515	43	2.40	0.0007	0.9998
44	0.30	0.0489	0.6698	44	0.30	0.0586	0.9102	44	2.60	0.0002	1.0000
45	0.40	0.0515	0.7213	45	0.40	0.0390	0.9491	45	2.80	0.	1.0000
46	0.50	0.0491	0.7704	46	0.50	0.0231	0.9722	46	3.00	0.	1.0000
47	0.60	0.0476	0.8180	47	0.60	0.0134	0.9857	47	3.20	0.	1.0000
48	0.70	0.0393	0.8573	48	0.70	0.0079	0.9936	48	3.40	0.	1.0000
49	0.80	0.0295	0.8868	49	0.80	0.0032	0.9967	49	3.60	0.	1.0000
50	0.90	0.0257	0.9125	50	0.90	0.0016	0.9983	50	3.80	0.	1.0000
51	1.00	0.0218	0.9343	51	1.00	0.0006	0.9990	51	4.00	0.	1.0000
52	1.10	0.0157	0.9500	52	1.10	0.0005	0.9994	52	4.20	0.	1.0000
53	1.20	0.0159	0.9658	53	1.20	0.0002	0.9997	53	4.40	0.	1.0000
54	1.30	0.0093	0.9752	54	1.30	0.0002	0.9999	54	4.60	0.	1.0000
55	1.40	0.0072	0.9824	55	1.40	0.	0.9999	55	4.80	0.	1.0000
56	1.50	0.0060	0.9884	56	1.50	0.0001	1.0000	56	5.00	0.	1.0000
57	1.60	0.0044	0.9928	57	1.60	0.	1.0000	57	5.20	0.	1.0000
58	1.70	0.0035	0.9963	58	1.70	0.	1.0000	58	5.40	0.	1.0000
59	1.80	0.0024	0.9987	59	1.80	0.	1.0000	59	5.60	0.	1.0000
60	1.90	0.0013	0.9999	60	1.90	0.	1.0000	60	5.80	0.	1.0000
61	2.00	0.0001	1.0000	61	2.00	0.	1.0000	61	6.00	0.	1.0000
62	2.10	0.	1.0000	62	2.10	0.	1.0000				
63	2.20	0.	1.0000	63	2.20	0.	1.0000				
64	2.30	0.	1.0000	64	2.30	0.	1.0000				
65	2.40	0.	1.0000	65	2.40	0.	1.0000				
66	2.50	0.	1.0000	66	2.50	0.	1.0000				
67	2.60	0.	1.0000	67	2.60	0.	1.0000				
68	2.70	0.	1.0000	68	2.70	0.	1.0000				
69	2.80	0.	1.0000	69	2.80	0.	1.0000				
70	2.90	0.	1.0000	70	2.90	0.	1.0000				
71	3.00	0.	1.0000	71	3.00	0.	1.0000				
72	3.10	0.	1.0000	72	3.10	0.	1.0000				
73	3.20	0.	1.0000	73	3.20	0.	1.0000				
74	3.30	0.	1.0000	74	3.30	0.	1.0000				
75	3.40	0.	1.0000	75	3.40	0.	1.0000				
76	3.50	0.	1.0000	76	3.50	0.	1.0000				
77	3.60	0.	1.0000	77	3.60	0.	1.0000				
78	3.70	0.	1.0000	78	3.70	0.	1.0000				
79	3.80	0.	1.0000	79	3.80	0.	1.0000				
80	3.90	0.	1.0000	80	3.90	0.	1.0000				
81	4.00	0.	1.0000	81	4.00	0.	1.0000				

I - INTERVAL NUMBER X - INTERVAL CENTER VALUE

P(X) - PROBABILITY MASS FUNCTION F(X) - CUMULATIVE DISTRIBUTION FUNCTION

WOODS HOLE MASS.

STATISTICS FOR JUNE

ASTRONOMICAL TIDE				STORM SURGE				TOTAL WATER LEVEL			
MEAN 0.06		STND DEV 0.67		MEAN 0.02		STND DEV 0.25		MEAN 0.09		STND DEV 0.69	
I	X	P(X)	F(X)	I	X	P(X)	F(X)	I	X	P(X)	F(X)
1	-4.00	0.	0.	1	-4.00	0.	0.	1	-6.00	0.	0.
2	-3.90	0.	0.	2	-3.90	0.	0.	2	-5.80	0.	0.
3	-3.80	0.	0.	3	-3.80	0.	0.	3	-5.60	0.	0.
4	-3.70	0.	0.	4	-3.70	0.	0.	4	-5.40	0.	0.
5	-3.60	0.	0.	5	-3.60	0.	0.	5	-5.20	0.	0.
6	-3.50	0.	0.	6	-3.50	0.	0.	6	-5.00	0.	0.
7	-3.40	0.	0.	7	-3.40	0.	0.	7	-4.80	0.	0.
8	-3.30	0.	0.	8	-3.30	0.	0.	8	-4.60	0.	0.
9	-3.20	0.	0.	9	-3.20	0.	0.	9	-4.40	0.	0.
10	-3.10	0.	0.	10	-3.10	0.	0.	10	-4.20	0.	0.
11	-3.00	0.	0.	11	-3.00	0.	0.	11	-4.00	0.	0.
12	-2.90	0.	0.	12	-2.90	0.	0.	12	-3.80	0.	0.
13	-2.80	0.	0.	13	-2.80	0.	0.	13	-3.60	0.	0.
14	-2.70	0.	0.	14	-2.70	0.	0.	14	-3.40	0.	0.
15	-2.60	0.	0.	15	-2.60	0.	0.	15	-3.20	0.	0.
16	-2.50	0.	0.	16	-2.50	0.	0.	16	-3.00	0.	0.
17	-2.40	0.	0.	17	-2.40	0.	0.	17	-2.80	0.	0.
18	-2.30	0.	0.	18	-2.30	0.	0.	18	-2.60	0.	0.
19	-2.20	0.	0.	19	-2.20	0.	0.	19	-2.40	0.	0.
20	-2.10	0.	0.	20	-2.10	0.	0.	20	-2.20	0.	0.
21	-2.00	0.	0.	21	-2.00	0.	0.	21	-2.00	0.	0.
22	-1.90	0.	0.	22	-1.90	0.	0.	22	-1.80	0.0005	0.0005
23	-1.80	0.	0.	23	-1.80	0.	0.	23	-1.60	0.0023	0.0028
24	-1.70	0.	0.	24	-1.70	0.	0.	24	-1.40	0.0058	0.0086
25	-1.60	0.0010	0.0010	25	-1.60	0.	0.	25	-1.20	0.0141	0.0226
26	-1.50	0.0024	0.0034	26	-1.50	0.	0.	26	-1.00	0.0315	0.0541
27	-1.40	0.0031	0.0065	27	-1.40	0.	0.	27	-0.80	0.0582	0.1123
28	-1.30	0.0047	0.0112	28	-1.30	0.	0.	28	-0.60	0.0901	0.2024
29	-1.20	0.0093	0.0205	29	-1.20	0.	0.	29	-0.40	0.1146	0.3169
30	-1.10	0.0140	0.0344	30	-1.10	0.	0.	30	-0.20	0.1156	0.4325
31	-1.00	0.0191	0.0535	31	-1.00	0.	0.	31	0.	0.1051	0.5376
32	-0.90	0.0229	0.0764	32	-0.90	0.0003	0.0003	32	0.20	0.0955	0.6331
33	-0.80	0.0306	0.1069	33	-0.80	0.0016	0.0019	33	0.40	0.0895	0.7226
34	-0.70	0.0329	0.1398	34	-0.70	0.0041	0.0061	34	0.60	0.0788	0.8014
35	-0.60	0.0450	0.1848	35	-0.60	0.0045	0.0126	35	0.80	0.0665	0.8678
36	-0.50	0.0528	0.2376	36	-0.50	0.0165	0.0291	36	1.00	0.0491	0.9170
37	-0.40	0.0596	0.2972	37	-0.40	0.0340	0.0630	37	1.20	0.0344	0.9513
38	-0.30	0.0610	0.3582	38	-0.30	0.0686	0.1317	38	1.40	0.0209	0.9722
39	-0.20	0.0551	0.4133	39	-0.20	0.1119	0.2436	39	1.60	0.0131	0.9854
40	-0.10	0.0520	0.4653	40	-0.10	0.1514	0.3950	40	1.80	0.0080	0.9934
41	0.	0.0509	0.5161	41	0.	0.1674	0.5624	41	2.00	0.0040	0.9974
42	0.10	0.0485	0.5647	42	0.10	0.1522	0.7146	42	2.20	0.0025	0.9998
43	0.20	0.0499	0.6146	43	0.20	0.1140	0.8287	43	2.40	0.0002	1.0000
44	0.30	0.0484	0.6630	44	0.30	0.0802	0.9088	44	2.60	0.	1.0000
45	0.40	0.0461	0.7091	45	0.40	0.0466	0.9555	45	2.80	0.	1.0000
46	0.50	0.0463	0.7554	46	0.50	0.0232	0.9786	46	3.00	0.	1.0000
47	0.60	0.0432	0.7986	47	0.60	0.0110	0.9896	47	3.20	0.	1.0000
48	0.70	0.0384	0.8370	48	0.70	0.0057	0.9953	48	3.40	0.	1.0000
49	0.80	0.0343	0.8712	49	0.80	0.0022	0.9974	49	3.60	0.	1.0000
50	0.90	0.0265	0.8978	50	0.90	0.0016	0.9991	50	3.80	0.	1.0000
51	1.00	0.0232	0.9210	51	1.00	0.0005	0.9996	51	4.00	0.	1.0000
52	1.10	0.0195	0.9405	52	1.10	0.0002	0.9998	52	4.20	0.	1.0000
53	1.20	0.0143	0.9548	53	1.20	0.0002	0.9999	53	4.40	0.	1.0000
54	1.30	0.0137	0.9684	54	1.30	0.	0.9999	54	4.60	0.	1.0000
55	1.40	0.0093	0.9778	55	1.40	0.0001	1.0000	55	4.80	0.	1.0000
56	1.50	0.0058	0.9836	56	1.50	0.	1.0000	56	5.00	0.	1.0000
57	1.60	0.0056	0.9891	57	1.60	0.	1.0000	57	5.20	0.	1.0000
58	1.70	0.0042	0.9933	58	1.70	0.	1.0000	58	5.40	0.	1.0000
59	1.80	0.0037	0.9970	59	1.80	0.	1.0000	59	5.60	0.	1.0000
60	1.90	0.0022	0.9992	60	1.90	0.	1.0000	60	5.80	0.	1.0000
61	2.00	0.0009	1.0000	61	2.00	0.	1.0000	61	6.00	0.	1.0000
62	2.10	0.	1.0000	62	2.10	0.	1.0000				
63	2.20	0.	1.0000	63	2.20	0.	1.0000				
64	2.30	0.	1.0000	64	2.30	0.	1.0000				
65	2.40	0.	1.0000	65	2.40	0.	1.0000				
66	2.50	0.	1.0000	66	2.50	0.	1.0000				
67	2.60	0.	1.0000	67	2.60	0.	1.0000				
68	2.70	0.	1.0000	68	2.70	0.	1.0000				
69	2.80	0.	1.0000	69	2.80	0.	1.0000				
70	2.90	0.	1.0000	70	2.90	0.	1.0000				
71	3.00	0.	1.0000	71	3.00	0.	1.0000				
72	3.10	0.	1.0000	72	3.10	0.	1.0000				
73	3.20	0.	1.0000	73	3.20	0.	1.0000				
74	3.30	0.	1.0000	74	3.30	0.	1.0000				
75	3.40	0.	1.0000	75	3.40	0.	1.0000				
76	3.50	0.	1.0000	76	3.50	0.	1.0000				
77	3.60	0.	1.0000	77	3.60	0.	1.0000				
78	3.70	0.	1.0000	78	3.70	0.	1.0000				
79	3.80	0.	1.0000	79	3.80	0.	1.0000				
80	3.90	0.	1.0000	80	3.90	0.	1.0000				
81	4.00	0.	1.0000	81	4.00	0.	1.0000				

I - INTERVAL NUMBER X - INTERVAL CENTER VALUE

P(X) - PROBABILITY MASS FUNCTION F(X) - CUMULATIVE DISTRIBUTION FUNCTION

WOODS HOLE MASS.

STATISTICS FOR JULY

ASTRONOMICAL TIDE				STORM SURGE				TOTAL WATER LEVEL			
MEAN 0.06		STND DEV 0.66		MEAN 0.01		STND DEV 0.22		MEAN 0.09		STND DEV 0.67	
I	X	P(X)	F(X)	I	X	P(X)	F(X)	I	X	P(X)	F(X)
1	-4.00	0.	0.	1	-4.00	0.	0.	1	-6.00	0.	0.
2	-3.90	0.	0.	2	-3.90	0.	0.	2	-5.80	0.	0.
3	-3.80	0.	0.	3	-3.80	0.	0.	3	-5.60	0.	0.
4	-3.70	0.	0.	4	-3.70	0.	0.	4	-5.40	0.	0.
5	-3.60	0.	0.	5	-3.60	0.	0.	5	-5.20	0.	0.
6	-3.50	0.	0.	6	-3.50	0.	0.	6	-5.00	0.	0.
7	-3.40	0.	0.	7	-3.40	0.	0.	7	-4.80	0.	0.
8	-3.30	0.	0.	8	-3.30	0.	0.	8	-4.60	0.	0.
9	-3.20	0.	0.	9	-3.20	0.	0.	9	-4.40	0.	0.
10	-3.10	0.	0.	10	-3.10	0.	0.	10	-4.20	0.	0.
11	-3.00	0.	0.	11	-3.00	0.	0.	11	-4.00	0.	0.
12	-2.90	0.	0.	12	-2.90	0.	0.	12	-3.80	0.	0.
13	-2.80	0.	0.	13	-2.80	0.	0.	13	-3.60	0.	0.
14	-2.70	0.	0.	14	-2.70	0.	0.	14	-3.40	0.	0.
15	-2.60	0.	0.	15	-2.60	0.	0.	15	-3.20	0.	0.
16	-2.50	0.	0.	16	-2.50	0.	0.	16	-3.00	0.	0.
17	-2.40	0.	0.	17	-2.40	0.	0.	17	-2.80	0.	0.
18	-2.30	0.	0.	18	-2.30	0.	0.	18	-2.60	0.	0.
19	-2.20	0.	0.	19	-2.20	0.	0.	19	-2.40	0.	0.
20	-2.10	0.	0.	20	-2.10	0.	0.	20	-2.20	0.	0.
21	-2.00	0.	0.	21	-2.00	0.	0.	21	-2.00	0.	0.
22	-1.90	0.	0.	22	-1.90	0.	0.	22	-1.80	0.	0.
23	-1.80	0.	0.	23	-1.80	0.	0.	23	-1.60	0.0007	0.0007
24	-1.70	0.	0.	24	-1.70	0.	0.	24	-1.40	0.0033	0.0039
25	-1.60	0.0001	0.0001	25	-1.60	0.	0.	25	-1.20	0.0151	0.0190
26	-1.50	0.0011	0.0012	26	-1.50	0.	0.	26	-1.00	0.0316	0.0506
27	-1.40	0.0023	0.0035	27	-1.40	0.	0.	27	-0.80	0.0597	0.1103
28	-1.30	0.0058	0.0093	28	-1.30	0.	0.	28	-0.60	0.0904	0.2007
29	-1.20	0.0086	0.0178	29	-1.20	0.	0.	29	-0.40	0.1228	0.3234
30	-1.10	0.0128	0.0306	30	-1.10	0.	0.	30	-0.20	0.1211	0.4445
31	-1.00	0.0198	0.0504	31	-1.00	0.	0.	31	0.	0.1043	0.5488
32	-0.90	0.0240	0.0745	32	-0.90	0.0001	0.0001	32	0.20	0.0931	0.6419
33	-0.80	0.0296	0.1041	33	-0.80	0.0004	0.0005	33	0.40	0.0810	0.7229
34	-0.70	0.0318	0.1359	34	-0.70	0.0014	0.0020	34	0.60	0.0796	0.8025
35	-0.60	0.0405	0.1764	35	-0.60	0.0038	0.0057	35	0.80	0.0660	0.8685
36	-0.50	0.0555	0.2319	36	-0.50	0.0124	0.0181	36	1.00	0.0519	0.9204
37	-0.40	0.0674	0.2992	37	-0.40	0.0289	0.0470	37	1.20	0.0324	0.9527
38	-0.30	0.0625	0.3618	38	-0.30	0.0642	0.1112	38	1.40	0.0234	0.9761
39	-0.20	0.0611	0.4228	39	-0.20	0.1108	0.2220	39	1.60	0.0130	0.9891
40	-0.10	0.0555	0.4784	40	-0.10	0.1618	0.3838	40	1.80	0.0066	0.9957
41	0.	0.0519	0.5302	41	0.	0.1848	0.5686	41	2.00	0.0027	0.9985
42	0.10	0.0490	0.5792	42	0.10	0.1689	0.7375	42	2.20	0.0013	0.9998
43	0.20	0.0429	0.6220	43	0.20	0.1241	0.8616	43	2.40	0.0001	0.9999
44	0.30	0.0440	0.6660	44	0.30	0.0756	0.9372	44	2.60	0.0001	1.0000
45	0.40	0.0451	0.7111	45	0.40	0.0368	0.9739	45	2.80	0.	1.0000
46	0.50	0.0404	0.7515	46	0.50	0.0176	0.9915	46	3.00	0.	1.0000
47	0.60	0.0384	0.7899	47	0.60	0.0061	0.9975	47	3.20	0.	1.0000
48	0.70	0.0373	0.8272	48	0.70	0.0022	0.9997	48	3.40	0.	1.0000
49	0.80	0.0354	0.8626	49	0.80	0.0003	1.0000	49	3.60	0.	1.0000
50	0.90	0.0305	0.8931	50	0.90	0.	1.0000	50	3.80	0.	1.0000
51	1.00	0.0246	0.9177	51	1.00	0.	1.0000	51	4.00	0.	1.0000
52	1.10	0.0224	0.9402	52	1.10	0.	1.0000	52	4.20	0.	1.0000
53	1.20	0.0186	0.9588	53	1.20	0.	1.0000	53	4.40	0.	1.0000
54	1.30	0.0127	0.9715	54	1.30	0.	1.0000	54	4.60	0.	1.0000
55	1.40	0.0083	0.9798	55	1.40	0.	1.0000	55	4.80	0.	1.0000
56	1.50	0.0071	0.9868	56	1.50	0.	1.0000	56	5.00	0.	1.0000
57	1.60	0.0042	0.9911	57	1.60	0.	1.0000	57	5.20	0.	1.0000
58	1.70	0.0042	0.9953	58	1.70	0.	1.0000	58	5.40	0.	1.0000
59	1.80	0.0027	0.9980	59	1.80	0.	1.0000	59	5.60	0.	1.0000
60	1.90	0.0014	0.9994	60	1.90	0.	1.0000	60	5.80	0.	1.0000
61	2.00	0.0006	1.0000	61	2.00	0.	1.0000	61	6.00	0.	1.0000
62	2.10	0.	1.0000	62	2.10	0.	1.0000				
63	2.20	0.	1.0000	63	2.20	0.	1.0000				
64	2.30	0.	1.0000	64	2.30	0.	1.0000				
65	2.40	0.	1.0000	65	2.40	0.	1.0000				
66	2.50	0.	1.0000	66	2.50	0.	1.0000				
67	2.60	0.	1.0000	67	2.60	0.	1.0000				
68	2.70	0.	1.0000	68	2.70	0.	1.0000				
69	2.80	0.	1.0000	69	2.80	0.	1.0000				
70	2.90	0.	1.0000	70	2.90	0.	1.0000				
71	3.00	0.	1.0000	71	3.00	0.	1.0000				
72	3.10	0.	1.0000	72	3.10	0.	1.0000				
73	3.20	0.	1.0000	73	3.20	0.	1.0000				
74	3.30	0.	1.0000	74	3.30	0.	1.0000				
75	3.40	0.	1.0000	75	3.40	0.	1.0000				
76	3.50	0.	1.0000	76	3.50	0.	1.0000				
77	3.60	0.	1.0000	77	3.60	0.	1.0000				
78	3.70	0.	1.0000	78	3.70	0.	1.0000				
79	3.80	0.	1.0000	79	3.80	0.	1.0000				
80	3.90	0.	1.0000	80	3.90	0.	1.0000				
81	4.00	0.	1.0000	81	4.00	0.	1.0000				

I - INTERVAL NUMBER X - INTERVAL CENTER VALUE

P(X) - PROBABILITY MASS FUNCTION F(X) - CUMULATIVE DISTRIBUTION FUNCTION

WOODS HOLE MASS.

STATISTICS FOR AUGUST

ASTRONOMICAL TIDE				STORM SURGE				TOTAL WATER LEVEL			
MEAN 0.08		STND DEV 0.65		MEAN 0.02		STND DEV 0.24		MEAN 0.11		STND DEV 0.67	
I	X	P(X)	F(X)	I	X	P(X)	F(X)	I	X	P(X)	F(X)
1	-4.00	0.	0.	1	-4.00	0.	0.	1	-6.00	0.	0.
2	-3.90	0.	0.	2	-3.90	0.	0.	2	-5.80	0.	0.
3	-3.80	0.	0.	3	-3.80	0.	0.	3	-5.60	0.	0.
4	-3.70	0.	0.	4	-3.70	0.	0.	4	-5.40	0.	0.
5	-3.60	0.	0.	5	-3.60	0.	0.	5	-5.20	0.	0.
6	-3.50	0.	0.	6	-3.50	0.	0.	6	-5.00	0.	0.
7	-3.40	0.	0.	7	-3.40	0.	0.	7	-4.80	0.	0.
8	-3.30	0.	0.	8	-3.30	0.	0.	8	-4.60	0.	0.
9	-3.20	0.	0.	9	-3.20	0.	0.	9	-4.40	0.	0.
10	-3.10	0.	0.	10	-3.10	0.	0.	10	-4.20	0.	0.
11	-3.00	0.	0.	11	-3.00	0.	0.	11	-4.00	0.	0.
12	-2.90	0.	0.	12	-2.90	0.	0.	12	-3.80	0.	0.
13	-2.80	0.	0.	13	-2.80	0.	0.	13	-3.60	0.	0.
14	-2.70	0.	0.	14	-2.70	0.	0.	14	-3.40	0.	0.
15	-2.60	0.	0.	15	-2.60	0.	0.	15	-3.20	0.	0.
16	-2.50	0.	0.	16	-2.50	0.	0.	16	-3.00	0.	0.
17	-2.40	0.	0.	17	-2.40	0.	0.	17	-2.80	0.	0.
18	-2.30	0.	0.	18	-2.30	0.	0.	18	-2.60	0.	0.
19	-2.20	0.	0.	19	-2.20	0.	0.	19	-2.40	0.	0.
20	-2.10	0.	0.	20	-2.10	0.	0.	20	-2.20	0.	0.
21	-2.00	0.	0.	21	-2.00	0.	0.	21	-2.00	0.	0.
22	-1.90	0.	0.	22	-1.90	0.	0.	22	-1.80	0.0001	0.0001
23	-1.80	0.	0.	23	-1.80	0.	0.	23	-1.60	0.0014	0.0015
24	-1.70	0.	0.	24	-1.70	0.	0.	24	-1.40	0.0045	0.0060
25	-1.60	0.	0.	25	-1.60	0.	0.	25	-1.20	0.0121	0.0180
26	-1.50	0.0005	0.0005	26	-1.50	0.	0.	26	-1.00	0.0290	0.0471
27	-1.40	0.0022	0.0027	27	-1.40	0.	0.	27	-0.80	0.0530	0.1001
28	-1.30	0.0048	0.0075	28	-1.30	0.	0.	28	-0.60	0.0848	0.1849
29	-1.20	0.0081	0.0155	29	-1.20	0.0002	0.0002	29	-0.40	0.1100	0.2949
30	-1.10	0.0121	0.0276	30	-1.10	0.0003	0.0005	30	-0.20	0.1280	0.4229
31	-1.00	0.0151	0.0427	31	-1.00	0.0006	0.0011	31	0.	0.1113	0.5342
32	-0.90	0.0221	0.0648	32	-0.90	0.0008	0.0019	32	0.20	0.0901	0.6243
33	-0.80	0.0301	0.0949	33	-0.80	0.0013	0.0031	33	0.40	0.0882	0.7124
34	-0.70	0.0361	0.1311	34	-0.70	0.0018	0.0049	34	0.60	0.0779	0.7903
35	-0.60	0.0423	0.1734	35	-0.60	0.0047	0.0096	35	0.80	0.0666	0.8569
36	-0.50	0.0523	0.2257	36	-0.50	0.0126	0.0222	36	1.00	0.0563	0.9132
37	-0.40	0.0575	0.2832	37	-0.40	0.0352	0.0574	37	1.20	0.0406	0.9538
38	-0.30	0.0671	0.3503	38	-0.30	0.0636	0.1209	38	1.40	0.0252	0.9790
39	-0.20	0.0625	0.4128	39	-0.20	0.1076	0.2285	39	1.60	0.0121	0.9911
40	-0.10	0.0571	0.4698	40	-0.10	0.1513	0.3798	40	1.80	0.0060	0.9970
41	0.	0.0539	0.5238	41	0.	0.1662	0.5460	41	2.00	0.0021	0.9991
42	0.10	0.0469	0.5706	42	0.10	0.1568	0.7028	42	2.20	0.0007	0.9998
43	0.20	0.0456	0.6162	43	0.20	0.1274	0.8302	43	2.40	0.0002	1.0000
44	0.30	0.0427	0.6589	44	0.30	0.0854	0.9156	44	2.60	0.	1.0000
45	0.40	0.0407	0.6996	45	0.40	0.0496	0.9653	45	2.80	0.	1.0000
46	0.50	0.0408	0.7404	46	0.50	0.0196	0.9849	46	3.00	0.	1.0000
47	0.60	0.0389	0.7793	47	0.60	0.0086	0.9935	47	3.20	0.	1.0000
48	0.70	0.0355	0.8147	48	0.70	0.0034	0.9969	48	3.40	0.	1.0000
49	0.80	0.0384	0.8531	49	0.80	0.0016	0.9985	49	3.60	0.	1.0000
50	0.90	0.0318	0.8849	50	0.90	0.0006	0.9991	50	3.80	0.	1.0000
51	1.00	0.0291	0.9140	51	1.00	0.0004	0.9995	51	4.00	0.	1.0000
52	1.10	0.0249	0.9389	52	1.10	0.0002	0.9998	52	4.20	0.	1.0000
53	1.20	0.0214	0.9603	53	1.20	0.0001	0.9998	53	4.40	0.	1.0000
54	1.30	0.0149	0.9752	54	1.30	0.0001	0.9999	54	4.60	0.	1.0000
55	1.40	0.0091	0.9843	55	1.40	0.0001	1.0000	55	4.80	0.	1.0000
56	1.50	0.0059	0.9902	56	1.50	0.	1.0000	56	5.00	0.	1.0000
57	1.60	0.0042	0.9944	57	1.60	0.	1.0000	57	5.20	0.	1.0000
58	1.70	0.0027	0.9971	58	1.70	0.	1.0000	58	5.40	0.	1.0000
59	1.80	0.0022	0.9993	59	1.80	0.	1.0000	59	5.60	0.	1.0000
60	1.90	0.0007	0.9999	60	1.90	0.	1.0000	60	5.80	0.	1.0000
61	2.00	0.0001	1.0000	61	2.00	0.	1.0000	61	6.00	0.	1.0000
62	2.10	0.	1.0000	62	2.10	0.	1.0000				
63	2.20	0.	1.0000	63	2.20	0.	1.0000				
64	2.30	0.	1.0000	64	2.30	0.	1.0000				
65	2.40	0.	1.0000	65	2.40	0.	1.0000				
66	2.50	0.	1.0000	66	2.50	0.	1.0000				
67	2.60	0.	1.0000	67	2.60	0.	1.0000				
68	2.70	0.	1.0000	68	2.70	0.	1.0000				
69	2.80	0.	1.0000	69	2.80	0.	1.0000				
70	2.90	0.	1.0000	70	2.90	0.	1.0000				
71	3.00	0.	1.0000	71	3.00	0.	1.0000				
72	3.10	0.	1.0000	72	3.10	0.	1.0000				
73	3.20	0.	1.0000	73	3.20	0.	1.0000				
74	3.30	0.	1.0000	74	3.30	0.	1.0000				
75	3.40	0.	1.0000	75	3.40	0.	1.0000				
76	3.50	0.	1.0000	76	3.50	0.	1.0000				
77	3.60	0.	1.0000	77	3.60	0.	1.0000				
78	3.70	0.	1.0000	78	3.70	0.	1.0000				
79	3.80	0.	1.0000	79	3.80	0.	1.0000				
80	3.90	0.	1.0000	80	3.90	0.	1.0000				
81	4.00	0.	1.0000	81	4.00	0.	1.0000				

I - INTERVAL NUMBER X - INTERVAL CENTER VALUE

P(X) - PROBABILITY MASS FUNCTION F(X) - CUMULATIVE DISTRIBUTION FUNCTION

WOODS HOLE MASS.

STATISTICS FOR SEPTEMBER

ASTRONOMICAL TIDE

MEAN 0.13 STND DEV 0.66

I	X	P(X)	F(X)
1	-4.00	0.	0.
2	-3.90	0.	0.
3	-3.80	0.	0.
4	-3.70	0.	0.
5	-3.60	0.	0.
6	-3.50	0.	0.
7	-3.40	0.	0.
8	-3.30	0.	0.
9	-3.20	0.	0.
10	-3.10	0.	0.
11	-3.00	0.	0.
12	-2.90	0.	0.
13	-2.80	0.	0.
14	-2.70	0.	0.
15	-2.60	0.	0.
16	-2.50	0.	0.
17	-2.40	0.	0.
18	-2.30	0.	0.
19	-2.20	0.	0.
20	-2.10	0.	0.
21	-2.00	0.	0.
22	-1.90	0.	0.
23	-1.80	0.	0.
24	-1.70	0.	0.
25	-1.60	0.	0.
26	-1.50	0.0004	0.0004
27	-1.40	0.0026	0.0029
28	-1.30	0.0053	0.0083
29	-1.20	0.0067	0.0150
30	-1.10	0.0103	0.0253
31	-1.00	0.0132	0.0385
32	-0.90	0.0214	0.0599
33	-0.80	0.0231	0.0830
34	-0.70	0.0321	0.1151
35	-0.60	0.0407	0.1557
36	-0.50	0.0465	0.2022
37	-0.40	0.0541	0.2563
38	-0.30	0.0586	0.3150
39	-0.20	0.0573	0.3723
40	-0.10	0.0587	0.4310
41	0.	0.0547	0.4857
42	0.10	0.0505	0.5362
43	0.20	0.0472	0.5834
44	0.30	0.0445	0.6279
45	0.40	0.0455	0.6735
46	0.50	0.0421	0.7156
47	0.60	0.0405	0.7561
48	0.70	0.0369	0.7930
49	0.80	0.0374	0.8303
50	0.90	0.0353	0.8656
51	1.00	0.0354	0.9010
52	1.10	0.0286	0.9296
53	1.20	0.0231	0.9526
54	1.30	0.0172	0.9698
55	1.40	0.0125	0.9823
56	1.50	0.0072	0.9895
57	1.60	0.0057	0.9952
58	1.70	0.0035	0.9987
59	1.80	0.0012	0.9998
60	1.90	0.0002	1.0000
61	2.00	0.	1.0000
62	2.10	0.	1.0000
63	2.20	0.	1.0000
64	2.30	0.	1.0000
65	2.40	0.	1.0000
66	2.50	0.	1.0000
67	2.60	0.	1.0000
68	2.70	0.	1.0000
69	2.80	0.	1.0000
70	2.90	0.	1.0000
71	3.00	0.	1.0000
72	3.10	0.	1.0000
73	3.20	0.	1.0000
74	3.30	0.	1.0000
75	3.40	0.	1.0000
76	3.50	0.	1.0000
77	3.60	0.	1.0000
78	3.70	0.	1.0000
79	3.80	0.	1.0000
80	3.90	0.	1.0000
81	4.00	0.	1.0000

STORM SURGE

MEAN-0.04 STND DEV 0.28

I	X	P(X)	F(X)
1	-4.00	0.	0.
2	-3.90	0.	0.
3	-3.80	0.	0.
4	-3.70	0.	0.
5	-3.60	0.	0.
6	-3.50	0.	0.
7	-3.40	0.	0.
8	-3.30	0.	0.
9	-3.20	0.	0.
10	-3.10	0.	0.
11	-3.00	0.	0.
12	-2.90	0.	0.
13	-2.80	0.	0.
14	-2.70	0.	0.
15	-2.60	0.	0.
16	-2.50	0.	0.
17	-2.40	0.	0.
18	-2.30	0.	0.
19	-2.20	0.	0.
20	-2.10	0.	0.
21	-2.00	0.	0.
22	-1.90	0.	0.
23	-1.80	0.0001	0.0001
24	-1.70	0.	0.0001
25	-1.60	0.0001	0.0002
26	-1.50	0.	0.0002
27	-1.40	0.	0.0002
28	-1.30	0.	0.0002
29	-1.20	0.0001	0.0003
30	-1.10	0.0001	0.0003
31	-1.00	0.0003	0.0007
32	-0.90	0.0016	0.0023
33	-0.80	0.0036	0.0058
34	-0.70	0.0067	0.0125
35	-0.60	0.0159	0.0284
36	-0.50	0.0303	0.0587
37	-0.40	0.0580	0.1167
38	-0.30	0.0960	0.2127
39	-0.20	0.1349	0.3476
40	-0.10	0.1534	0.5010
41	0.	0.1576	0.6587
42	0.10	0.1259	0.7845
43	0.20	0.0859	0.8705
44	0.30	0.0520	0.9225
45	0.40	0.0324	0.9549
46	0.50	0.0184	0.9733
47	0.60	0.0131	0.9864
48	0.70	0.0076	0.9940
49	0.80	0.0031	0.9971
50	0.90	0.0013	0.9984
51	1.00	0.0003	0.9988
52	1.10	0.0007	0.9995
53	1.20	0.0003	0.9997
54	1.30	0.0001	0.9998
55	1.40	0.0002	1.0000
56	1.50	0.	1.0000
57	1.60	0.	1.0000
58	1.70	0.	1.0000
59	1.80	0.	1.0000
60	1.90	0.	1.0000
61	2.00	0.	1.0000
62	2.10	0.	1.0000
63	2.20	0.	1.0000
64	2.30	0.	1.0000
65	2.40	0.	1.0000
66	2.50	0.	1.0000
67	2.60	0.	1.0000
68	2.70	0.	1.0000
69	2.80	0.	1.0000
70	2.90	0.	1.0000
71	3.00	0.	1.0000
72	3.10	0.	1.0000
73	3.20	0.	1.0000
74	3.30	0.	1.0000
75	3.40	0.	1.0000
76	3.50	0.	1.0000
77	3.60	0.	1.0000
78	3.70	0.	1.0000
79	3.80	0.	1.0000
80	3.90	0.	1.0000
81	4.00	0.	1.0000

TOTAL WATER LEVEL

MEAN 0.10 STND DEV 0.68

I	X	P(X)	F(X)
1	-6.00	0.	0.
2	-5.80	0.	0.
3	-5.60	0.	0.
4	-5.40	0.	0.
5	-5.20	0.	0.
6	-5.00	0.	0.
7	-4.80	0.	0.
8	-4.60	0.	0.
9	-4.40	0.	0.
10	-4.20	0.	0.
11	-4.00	0.	0.
12	-3.80	0.	0.
13	-3.60	0.	0.
14	-3.40	0.	0.
15	-3.20	0.	0.
16	-3.00	0.	0.
17	-2.80	0.	0.
18	-2.60	0.	0.
19	-2.40	0.0001	0.0001
20	-2.20	0.0002	0.0003
21	-2.00	0.	0.0003
22	-1.80	0.0002	0.0004
23	-1.60	0.0010	0.0015
24	-1.40	0.0064	0.0079
25	-1.20	0.0148	0.0227
26	-1.00	0.0306	0.0533
27	-0.80	0.0538	0.1072
28	-0.60	0.0845	0.1916
29	-0.40	0.1143	0.3059
30	-0.20	0.1243	0.4302
31	0.	0.1081	0.5384
32	0.20	0.0953	0.6337
33	0.40	0.0832	0.7169
34	0.60	0.0770	0.7938
35	0.80	0.0668	0.8607
36	1.00	0.0551	0.9157
37	1.20	0.0367	0.9524
38	1.40	0.0219	0.9743
39	1.60	0.0148	0.9891
40	1.80	0.0066	0.9957
41	2.00	0.0028	0.9985
42	2.20	0.0010	0.9995
43	2.40	0.0002	0.9997
44	2.60	0.0003	0.9999
45	2.80	0.0001	1.0000
46	3.00	0.	1.0000
47	3.20	0.	1.0000
48	3.40	0.	1.0000
49	3.60	0.	1.0000
50	3.80	0.	1.0000
51	4.00	0.	1.0000
52	4.20	0.	1.0000
53	4.40	0.	1.0000
54	4.60	0.	1.0000
55	4.80	0.	1.0000
56	5.00	0.	1.0000
57	5.20	0.	1.0000
58	5.40	0.	1.0000
59	5.60	0.	1.0000
60	5.80	0.	1.0000
61	6.00	0.	1.0000

I - INTERVAL NUMBER X - INTERVAL CENTER VALUE

P(X) - PROBABILITY MASS FUNCTION F(X) - CUMULATIVE DISTRIBUTION FUNCTION

WOODS HOLE MASS.

STATISTICS FOR OCTOBER

ASTRONOMICAL TIDE				STORM SURGE				TOTAL WATER LEVEL			
MEAN 0.18		STND DEV 0.66		MEAN-0.01		STND DEV 0.39		MEAN 0.18		STND DEV 0.76	
I	X	P(X)	F(X)	I	X	P(X)	F(X)	I	X	P(X)	F(X)
1	-4.00	0.	0.	1	-4.00	0.	0.	1	-6.00	0.	0.
2	-3.90	0.	0.	2	-3.90	0.	0.	2	-5.80	0.	0.
3	-3.80	0.	0.	3	-3.80	0.	0.	3	-5.60	0.	0.
4	-3.70	0.	0.	4	-3.70	0.	0.	4	-5.40	0.	0.
5	-3.60	0.	0.	5	-3.60	0.	0.	5	-5.20	0.	0.
6	-3.50	0.	0.	6	-3.50	0.	0.	6	-5.00	0.	0.
7	-3.40	0.	0.	7	-3.40	0.	0.	7	-4.80	0.	0.
8	-3.30	0.	0.	8	-3.30	0.	0.	8	-4.60	0.	0.
9	-3.20	0.	0.	9	-3.20	0.	0.	9	-4.40	0.	0.
10	-3.10	0.	0.	10	-3.10	0.	0.	10	-4.20	0.	0.
11	-3.00	0.	0.	11	-3.00	0.	0.	11	-4.00	0.	0.
12	-2.90	0.	0.	12	-2.90	0.	0.	12	-3.80	0.	0.
13	-2.80	0.	0.	13	-2.80	0.	0.	13	-3.60	0.	0.
14	-2.70	0.	0.	14	-2.70	0.	0.	14	-3.40	0.	0.
15	-2.60	0.	0.	15	-2.60	0.	0.	15	-3.20	0.	0.
16	-2.50	0.	0.	16	-2.50	0.	0.	16	-3.00	0.	0.
17	-2.40	0.	0.	17	-2.40	0.	0.	17	-2.80	0.	0.
18	-2.30	0.	0.	18	-2.30	0.	0.	18	-2.60	0.	0.
19	-2.20	0.	0.	19	-2.20	0.	0.	19	-2.40	0.	0.
20	-2.10	0.	0.	20	-2.10	0.	0.	20	-2.20	0.0002	0.0002
21	-2.00	0.	0.	21	-2.00	0.	0.	21	-2.00	0.0001	0.0002
22	-1.90	0.	0.	22	-1.90	0.	0.	22	-1.80	0.0011	0.0013
23	-1.80	0.	0.	23	-1.80	0.	0.	23	-1.60	0.0027	0.0040
24	-1.70	0.	0.	24	-1.70	0.	0.	24	-1.40	0.0093	0.0133
25	-1.60	0.	0.	25	-1.60	0.	0.	25	-1.20	0.0178	0.0311
26	-1.50	0.0005	0.0005	26	-1.50	0.0001	0.0001	26	-1.00	0.0317	0.0628
27	-1.40	0.0015	0.0020	27	-1.40	0.0002	0.0003	27	-0.80	0.0502	0.1130
28	-1.30	0.0045	0.0064	28	-1.30	0.0007	0.0010	28	-0.60	0.0785	0.1915
29	-1.20	0.0062	0.0127	29	-1.20	0.0011	0.0021	29	-0.40	0.0946	0.2861
30	-1.10	0.0111	0.0236	30	-1.10	0.0021	0.0041	30	-0.20	0.1051	0.3912
31	-1.00	0.0146	0.0384	31	-1.00	0.0016	0.0057	31	0.	0.1009	0.4921
32	-0.90	0.0181	0.0565	32	-0.90	0.0048	0.0105	32	0.20	0.0950	0.5871
33	-0.80	0.0227	0.0792	33	-0.80	0.0065	0.0170	33	0.40	0.0920	0.6791
34	-0.70	0.0318	0.1111	34	-0.70	0.0146	0.0315	34	0.60	0.0791	0.7581
35	-0.60	0.0354	0.1465	35	-0.60	0.0280	0.0596	35	0.80	0.0662	0.8243
36	-0.50	0.0414	0.1879	36	-0.50	0.0484	0.1079	36	1.00	0.0557	0.8800
37	-0.40	0.0470	0.2349	37	-0.40	0.0738	0.1818	37	1.20	0.0401	0.9201
38	-0.30	0.0535	0.2883	38	-0.30	0.0951	0.2768	38	1.40	0.0302	0.9503
39	-0.20	0.0572	0.3455	39	-0.20	0.1076	0.3845	39	1.60	0.0200	0.9704
40	-0.10	0.0528	0.3983	40	-0.10	0.1130	0.4975	40	1.80	0.0140	0.9844
41	0.	0.0504	0.4487	41	0.	0.1039	0.6014	41	2.00	0.0075	0.9919
42	0.10	0.0533	0.5020	42	0.10	0.0988	0.7002	42	2.20	0.0037	0.9956
43	0.20	0.0474	0.5494	43	0.20	0.0730	0.7732	43	2.40	0.0019	0.9975
44	0.30	0.0481	0.5975	44	0.30	0.0575	0.8307	44	2.60	0.0018	0.9993
45	0.40	0.0467	0.6442	45	0.40	0.0484	0.8790	45	2.80	0.0005	0.9998
46	0.50	0.0470	0.6912	46	0.50	0.0369	0.9159	46	3.00	0.0002	0.9999
47	0.60	0.0457	0.7369	47	0.60	0.0254	0.9414	47	3.20	0.0001	1.0000
48	0.70	0.0437	0.7806	48	0.70	0.0190	0.9603	48	3.40	0.	1.0000
49	0.80	0.0415	0.8222	49	0.80	0.0133	0.9736	49	3.60	0.	1.0000
50	0.90	0.0409	0.8630	50	0.90	0.0087	0.9823	50	3.80	0.	1.0000
51	1.00	0.0321	0.8952	51	1.00	0.0061	0.9884	51	4.00	0.	1.0000
52	1.10	0.0262	0.9213	52	1.10	0.0037	0.9922	52	4.20	0.	1.0000
53	1.20	0.0221	0.9435	53	1.20	0.0027	0.9948	53	4.40	0.	1.0000
54	1.30	0.0198	0.9633	54	1.30	0.0026	0.9974	54	4.60	0.	1.0000
55	1.40	0.0134	0.9767	55	1.40	0.0018	0.9992	55	4.80	0.	1.0000
56	1.50	0.0058	0.9856	56	1.50	0.0005	0.9997	56	5.00	0.	1.0000
57	1.60	0.0064	0.9920	57	1.60	0.0003	1.0000	57	5.20	0.	1.0000
58	1.70	0.0037	0.9957	58	1.70	0.	1.0000	58	5.40	0.	1.0000
59	1.80	0.0028	0.9985	59	1.80	0.	1.0000	59	5.60	0.	1.0000
60	1.90	0.0013	0.9998	60	1.90	0.	1.0000	60	5.80	0.	1.0000
61	2.00	0.0002	1.0000	61	2.00	0.	1.0000	61	6.00	0.	1.0000
62	2.10	0.	1.0000	62	2.10	0.	1.0000				
63	2.20	0.	1.0000	63	2.20	0.	1.0000				
64	2.30	0.	1.0000	64	2.30	0.	1.0000				
65	2.40	0.	1.0000	65	2.40	0.	1.0000				
66	2.50	0.	1.0000	66	2.50	0.	1.0000				
67	2.60	0.	1.0000	67	2.60	0.	1.0000				
68	2.70	0.	1.0000	68	2.70	0.	1.0000				
69	2.80	0.	1.0000	69	2.80	0.	1.0000				
70	2.90	0.	1.0000	70	2.90	0.	1.0000				
71	3.00	0.	1.0000	71	3.00	0.	1.0000				
72	3.10	0.	1.0000	72	3.10	0.	1.0000				
73	3.20	0.	1.0000	73	3.20	0.	1.0000				
74	3.30	0.	1.0000	74	3.30	0.	1.0000				
75	3.40	0.	1.0000	75	3.40	0.	1.0000				
76	3.50	0.	1.0000	76	3.50	0.	1.0000				
77	3.60	0.	1.0000	77	3.60	0.	1.0000				
78	3.70	0.	1.0000	78	3.70	0.	1.0000				
79	3.80	0.	1.0000	79	3.80	0.	1.0000				
80	3.90	0.	1.0000	80	3.90	0.	1.0000				
81	4.00	0.	1.0000	81	4.00	0.	1.0000				

I - INTEPVAL NUMBER X - INTERVAL CENTER VALUE

P(X) - PROBABILITY MASS FUNCTION F(X) - CUMULATIVE DISTRIBUTION FUNCTION

WOODS HOLE MASS.

STATISTICS FOR NOVEMBER

ASTRONOMICAL TIDE				STORM SURGE				TOTAL WATER LEVEL			
MEAN 0.14		STND DEV 0.67		MEAN-0.02		STND DEV 0.48		MEAN 0.13		STND DEV 0.81	
I	X	P(X)	F(X)	I	X	P(X)	F(X)	I	X	P(X)	F(X)
1	-4.00	0.	0.	1	-4.00	0.	0.	1	-6.00	0.	0.
2	-3.90	0.	0.	2	-3.90	0.	0.	2	-5.80	0.	0.
3	-3.80	0.	0.	3	-3.80	0.	0.	3	-5.60	0.	0.
4	-3.70	0.	0.	4	-3.70	0.	0.	4	-5.40	0.	0.
5	-3.60	0.	0.	5	-3.60	0.	0.	5	-5.20	0.	0.
6	-3.50	0.	0.	6	-3.50	0.	0.	6	-5.00	0.	0.
7	-3.40	0.	0.	7	-3.40	0.	0.	7	-4.80	0.	0.
8	-3.30	0.	0.	8	-3.30	0.	0.	8	-4.60	0.	0.
9	-3.20	0.	0.	9	-3.20	0.	0.	9	-4.40	0.	0.
10	-3.10	0.	0.	10	-3.10	0.	0.	10	-4.20	0.	0.
11	-3.00	0.	0.	11	-3.00	0.	0.	11	-4.00	0.	0.
12	-2.90	0.	0.	12	-2.90	0.	0.	12	-3.80	0.	0.
13	-2.80	0.	0.	13	-2.80	0.	0.	13	-3.60	0.	0.
14	-2.70	0.	0.	14	-2.70	0.	0.	14	-3.40	0.	0.
15	-2.60	0.	0.	15	-2.60	0.	0.	15	-3.20	0.	0.
16	-2.50	0.	0.	16	-2.50	0.	0.	16	-3.00	0.0002	0.0002
17	-2.40	0.	0.	17	-2.40	0.0002	0.0002	17	-2.80	0.0001	0.0002
18	-2.30	0.	0.	18	-2.30	0.0002	0.0004	18	-2.60	0.0003	0.0005
19	-2.20	0.	0.	19	-2.20	0.0002	0.0005	19	-2.40	0.0002	0.0007
20	-2.10	0.	0.	20	-2.10	0.0002	0.0007	20	-2.20	0.0005	0.0013
21	-2.00	0.	0.	21	-2.00	0.0002	0.0008	21	-2.00	0.0015	0.0028
22	-1.90	0.	0.	22	-1.90	0.0002	0.0010	22	-1.80	0.0020	0.0048
23	-1.80	0.	0.	23	-1.80	0.0002	0.0012	23	-1.60	0.0067	0.0114
24	-1.70	0.	0.	24	-1.70	0.0002	0.0013	24	-1.40	0.0139	0.0253
25	-1.60	0.0002	0.0002	25	-1.60	0.0009	0.0022	25	-1.20	0.0242	0.0495
26	-1.50	0.0006	0.0008	26	-1.50	0.0012	0.0034	26	-1.00	0.0391	0.0886
27	-1.40	0.0026	0.0034	27	-1.40	0.0017	0.0051	27	-0.80	0.0593	0.1479
28	-1.30	0.0045	0.0079	28	-1.30	0.0025	0.0076	28	-0.60	0.0804	0.2283
29	-1.20	0.0076	0.0155	29	-1.20	0.0037	0.0112	29	-0.40	0.0913	0.3195
30	-1.10	0.0124	0.0279	30	-1.10	0.0051	0.0164	30	-0.20	0.0954	0.4150
31	-1.00	0.0159	0.0439	31	-1.00	0.0062	0.0225	31	0.	0.0962	0.5112
32	-0.90	0.0213	0.0651	32	-0.90	0.0099	0.0324	32	0.20	0.0894	0.6006
33	-0.80	0.0260	0.0912	33	-0.80	0.0140	0.0464	33	0.40	0.0862	0.6868
34	-0.70	0.0308	0.1219	34	-0.70	0.0231	0.0695	34	0.60	0.0790	0.7658
35	-0.60	0.0404	0.1623	35	-0.60	0.0332	0.1028	35	0.80	0.0656	0.8314
36	-0.50	0.0479	0.2102	36	-0.50	0.0491	0.1519	36	1.00	0.0519	0.8832
37	-0.40	0.0478	0.2580	37	-0.40	0.0726	0.2244	37	1.20	0.0362	0.9194
38	-0.30	0.0494	0.3074	38	-0.30	0.0823	0.3067	38	1.40	0.0264	0.9458
39	-0.20	0.0546	0.3620	39	-0.20	0.0927	0.3994	39	1.60	0.0190	0.9648
40	-0.10	0.0536	0.4156	40	-0.10	0.1002	0.4996	40	1.80	0.0141	0.9789
41	0.	0.0479	0.4635	41	0.	0.0928	0.5924	41	2.00	0.0090	0.9879
42	0.10	0.0511	0.5146	42	0.10	0.0866	0.6790	42	2.20	0.0052	0.9931
43	0.20	0.0499	0.5645	43	0.20	0.0721	0.7511	43	2.40	0.0034	0.9965
44	0.30	0.0475	0.6120	44	0.30	0.0599	0.8110	44	2.60	0.0010	0.9974
45	0.40	0.0486	0.6606	45	0.40	0.0478	0.8588	45	2.80	0.0010	0.9984
46	0.50	0.0505	0.7111	46	0.50	0.0329	0.8917	46	3.00	0.0003	0.9987
47	0.60	0.0503	0.7614	47	0.60	0.0287	0.9204	47	3.20	0.0004	0.9990
48	0.70	0.0474	0.8088	48	0.70	0.0203	0.9407	48	3.40	0.0004	0.9994
49	0.80	0.0398	0.8486	49	0.80	0.0176	0.9583	49	3.60	0.0002	0.9996
50	0.90	0.0327	0.8813	50	0.90	0.0109	0.9692	50	3.80	0.0001	0.9997
51	1.00	0.0279	0.9092	51	1.00	0.0079	0.9770	51	4.00	0.0002	0.9998
52	1.10	0.0215	0.9308	52	1.10	0.0073	0.9843	52	4.20	0.	0.9998
53	1.20	0.0181	0.9489	53	1.20	0.0046	0.9888	53	4.40	0.0002	1.0000
54	1.30	0.0132	0.9620	54	1.30	0.0033	0.9922	54	4.60	0.	1.0000
55	1.40	0.0121	0.9741	55	1.40	0.0016	0.9938	55	4.80	0.	1.0000
56	1.50	0.0079	0.9819	56	1.50	0.0014	0.9952	56	5.00	0.	1.0000
57	1.60	0.0060	0.9879	57	1.60	0.0010	0.9962	57	5.20	0.	1.0000
58	1.70	0.0048	0.9928	58	1.70	0.0007	0.9969	58	5.40	0.	1.0000
59	1.80	0.0031	0.9959	59	1.80	0.0008	0.9977	59	5.60	0.	1.0000
60	1.90	0.0028	0.9987	60	1.90	0.0003	0.9980	60	5.80	0.	1.0000
61	2.00	0.0011	0.9998	61	2.00	0.0004	0.9984	61	6.00	0.	1.0000
62	2.10	0.0002	1.0000	62	2.10	0.0002	0.9986				
63	2.20	0.	1.0000	63	2.20	0.0002	0.9988				
64	2.30	0.	1.0000	64	2.30	0.0002	0.9990				
65	2.40	0.	1.0000	65	2.40	0.0004	0.9993				
66	2.50	0.	1.0000	66	2.50	0.0001	0.9994				
67	2.60	0.	1.0000	67	2.60	0.0002	0.9996				
68	2.70	0.	1.0000	68	2.70	0.0001	0.9997				
69	2.80	0.	1.0000	69	2.80	0.0002	0.9998				
70	2.90	0.	1.0000	70	2.90	0.	0.9998				
71	3.00	0.	1.0000	71	3.00	0.	0.9998				
72	3.10	0.	1.0000	72	3.10	0.	0.9998				
73	3.20	0.	1.0000	73	3.20	0.	0.9998				
74	3.30	0.	1.0000	74	3.30	0.	0.9998				
75	3.40	0.	1.0000	75	3.40	0.0001	0.9999				
76	3.50	0.	1.0000	76	3.50	0.0001	1.0000				
77	3.60	0.	1.0000	77	3.60	0.	1.0000				
78	3.70	0.	1.0000	78	3.70	0.	1.0000				
79	3.80	0.	1.0000	79	3.80	0.	1.0000				
80	3.90	0.	1.0000	80	3.90	0.	1.0000				
81	4.00	0.	1.0000	81	4.00	0.	1.0000				

I - INTERVAL NUMBER X - INTERVAL CENTER VALUE

P(X) - PROBABILITY MASS FUNCTION F(X) - CUMULATIVE DISTRIBUTION FUNCTION

WOODS HOLE MASS.

STATISTICS FOR DECEMBER

ASTRONOMICAL TIDE				STORM SURGE				TOTAL WATER LEVEL			
MEAN 0.01		STND DEV 0.67		MEAN-0.12		STND DEV 0.54		MEAN-0.11		STND DEV 0.86	
I	X	P(X)	F(X)	I	X	P(X)	F(X)	I	X	P(X)	F(X)
1	-4.00	0.	0.	1	-4.00	0.	0.	1	-6.00	0.	0.
2	-3.90	0.	0.	2	-3.90	0.	0.	2	-5.80	0.	0.
3	-3.80	0.	0.	3	-3.80	0.	0.	3	-5.60	0.	0.
4	-3.70	0.	0.	4	-3.70	0.	0.	4	-5.40	0.	0.
5	-3.60	0.	0.	5	-3.60	0.	0.	5	-5.20	0.	0.
6	-3.50	0.	0.	6	-3.50	0.	0.	6	-5.00	0.	0.
7	-3.40	0.	0.	7	-3.40	0.	0.	7	-4.80	0.	0.
8	-3.30	0.	0.	8	-3.30	0.	0.	8	-4.60	0.	0.
9	-3.20	0.	0.	9	-3.20	0.	0.	9	-4.40	0.	0.
10	-3.10	0.	0.	10	-3.10	0.	0.	10	-4.20	0.	0.
11	-3.00	0.	0.	11	-3.00	0.	0.	11	-4.00	0.	0.
12	-2.90	0.	0.	12	-2.90	0.	0.	12	-3.80	0.	0.
13	-2.80	0.	0.	13	-2.80	0.	0.	13	-3.60	0.	0.
14	-2.70	0.	0.	14	-2.70	0.	0.	14	-3.40	0.	0.
15	-2.60	0.	0.	15	-2.60	0.	0.	15	-3.20	0.	0.
16	-2.50	0.	0.	16	-2.50	0.	0.	16	-3.00	0.0004	0.0004
17	-2.40	0.	0.	17	-2.40	0.	0.	17	-2.80	0.0004	0.0008
18	-2.30	0.	0.	18	-2.30	0.0001	0.0001	18	-2.60	0.0009	0.0016
19	-2.20	0.	0.	19	-2.20	0.0002	0.0002	19	-2.40	0.0008	0.0025
20	-2.10	0.	0.	20	-2.10	0.0002	0.0005	20	-2.20	0.0029	0.0054
21	-2.00	0.	0.	21	-2.00	0.0002	0.0007	21	-2.00	0.0061	0.0114
22	-1.90	0.	0.	22	-1.90	0.0008	0.0014	22	-1.80	0.0102	0.0216
23	-1.80	0.	0.	23	-1.80	0.0009	0.0023	23	-1.60	0.0196	0.0411
24	-1.70	0.0002	0.0002	24	-1.70	0.0011	0.0034	24	-1.40	0.0314	0.0725
25	-1.60	0.0013	0.0015	25	-1.60	0.0019	0.0053	25	-1.20	0.0463	0.1188
26	-1.50	0.0026	0.0041	26	-1.50	0.0034	0.0087	26	-1.00	0.0607	0.1795
27	-1.40	0.0046	0.0087	27	-1.40	0.0040	0.0127	27	-0.80	0.0718	0.2513
28	-1.30	0.0079	0.0166	28	-1.30	0.0061	0.0187	28	-0.60	0.0866	0.3380
29	-1.20	0.0124	0.0291	29	-1.20	0.0064	0.0252	29	-0.40	0.0898	0.4277
30	-1.10	0.0176	0.0467	30	-1.10	0.0126	0.0378	30	-0.20	0.0901	0.5178
31	-1.00	0.0233	0.0700	31	-1.00	0.0152	0.0530	31	0.	0.0886	0.6064
32	-0.90	0.0270	0.0969	32	-0.90	0.0219	0.0749	32	0.20	0.0829	0.6893
33	-0.80	0.0339	0.1308	33	-0.80	0.0264	0.1013	33	0.40	0.0756	0.7649
34	-0.70	0.0414	0.1722	34	-0.70	0.0388	0.1402	34	0.60	0.0644	0.8294
35	-0.60	0.0477	0.2199	35	-0.60	0.0482	0.1883	35	0.80	0.0513	0.8807
36	-0.50	0.0553	0.2752	36	-0.50	0.0649	0.2532	36	1.00	0.0349	0.9156
37	-0.40	0.0569	0.3321	37	-0.40	0.0724	0.3256	37	1.20	0.0277	0.9433
38	-0.30	0.0551	0.3872	38	-0.30	0.0790	0.4046	38	1.40	0.0209	0.9642
39	-0.20	0.0529	0.4401	39	-0.20	0.0840	0.4887	39	1.60	0.0134	0.9777
40	-0.10	0.0532	0.4933	40	-0.10	0.0807	0.5694	40	1.80	0.0092	0.9869
41	0.	0.0522	0.5455	41	0.	0.0836	0.6530	41	2.00	0.0050	0.9919
42	0.10	0.0479	0.5934	42	0.10	0.0729	0.7259	42	2.20	0.0030	0.9949
43	0.20	0.0474	0.6408	43	0.20	0.0619	0.7878	43	2.40	0.0023	0.9972
44	0.30	0.0484	0.6892	44	0.30	0.0465	0.8343	44	2.60	0.0013	0.9985
45	0.40	0.0456	0.7348	45	0.40	0.0382	0.8725	45	2.80	0.0005	0.9990
46	0.50	0.0424	0.7772	46	0.50	0.0304	0.9029	46	3.00	0.0005	0.9995
47	0.60	0.0425	0.8197	47	0.60	0.0217	0.9247	47	3.20	0.	0.9995
48	0.70	0.0361	0.8558	48	0.70	0.0183	0.9430	48	3.40	0.0004	0.9998
49	0.80	0.0298	0.8856	49	0.80	0.0150	0.9580	49	3.60	0.0002	1.0000
50	0.90	0.0254	0.9110	50	0.90	0.0097	0.9677	50	3.80	0.	1.0000
51	1.00	0.0223	0.9333	51	1.00	0.0069	0.9746	51	4.00	0.	1.0000
52	1.10	0.0151	0.9484	52	1.10	0.0055	0.9801	52	4.20	0.	1.0000
53	1.20	0.0127	0.9611	53	1.20	0.0051	0.9852	53	4.40	0.	1.0000
54	1.30	0.0114	0.9725	54	1.30	0.0039	0.9891	54	4.60	0.	1.0000
55	1.40	0.0080	0.9805	55	1.40	0.0039	0.9930	55	4.80	0.	1.0000
56	1.50	0.0061	0.9866	56	1.50	0.0016	0.9946	56	5.00	0.	1.0000
57	1.60	0.0047	0.9913	57	1.60	0.0017	0.9963	57	5.20	0.	1.0000
58	1.70	0.0037	0.9950	58	1.70	0.0009	0.9972	58	5.40	0.	1.0000
59	1.80	0.0026	0.9976	59	1.80	0.0009	0.9981	59	5.60	0.	1.0000
60	1.90	0.0017	0.9993	60	1.90	0.0007	0.9988	60	5.80	0.	1.0000
61	2.00	0.0005	0.9998	61	2.00	0.0002	0.9990	61	6.00	0.	1.0000
62	2.10	0.0002	1.0000	62	2.10	0.0002	0.9993				
63	2.20	0.	1.0000	63	2.20	0.0002	0.9994				
64	2.30	0.	1.0000	64	2.30	0.	0.9994				
65	2.40	0.	1.0000	65	2.40	0.0001	0.9995				
66	2.50	0.	1.0000	66	2.50	0.0002	0.9996				
67	2.60	0.	1.0000	67	2.60	0.0001	0.9997				
68	2.70	0.	1.0000	68	2.70	0.0002	0.9998				
69	2.80	0.	1.0000	69	2.80	0.0001	0.9999				
70	2.90	0.	1.0000	70	2.90	0.0001	1.0000				
71	3.00	0.	1.0000	71	3.00	0.	1.0000				
72	3.10	0.	1.0000	72	3.10	0.	1.0000				
73	3.20	0.	1.0000	73	3.20	0.	1.0000				
74	3.30	0.	1.0000	74	3.30	0.	1.0000				
75	3.40	0.	1.0000	75	3.40	0.	1.0000				
76	3.50	0.	1.0000	76	3.50	0.	1.0000				
77	3.60	0.	1.0000	77	3.60	0.	1.0000				
78	3.70	0.	1.0000	78	3.70	0.	1.0000				
79	3.80	0.	1.0000	79	3.80	0.	1.0000				
80	3.90	0.	1.0000	80	3.90	0.	1.0000				
81	4.00	0.	1.0000	81	4.00	0.	1.0000				

I - INTERVAL NUMBER X - INTERVAL CENTER VALUE

P(X) - PROBABILITY MASS FUNCTION F(X) - CUMULATIVE DISTRIBUTION FUNCTION

NEWPORT R.I.

YEARLY STATISTICS

ASTRONOMICAL TIDE				STORM SURGE				TOTAL WATER LEVEL			
MEAN 0.01		STND DEV 1.33		MEAN-0.00		STND DEV 0.43		MEAN 0.03		STND DEV 1.35	
I	X	P(X)	F(X)	I	X	P(X)	F(X)	I	X	P(X)	F(X)
1	-4.00	0.	0.	1	-6.00	0.	0.	1	-6.00	0.	0.
2	-3.90	0.	0.	2	-3.90	0.	0.	2	-5.80	0.	0.
3	-3.80	0.	0.	3	-3.80	0.	0.	3	-5.60	0.	0.
4	-3.70	0.	0.	4	-3.70	0.	0.	4	-5.40	0.	0.
5	-3.60	0.	0.	5	-3.60	0.	0.	5	-5.20	0.	0.
6	-3.50	0.	0.	6	-3.50	0.	0.	6	-5.00	0.	0.
7	-3.40	0.	0.	7	-3.40	0.	0.	7	-4.80	0.	0.
8	-3.30	0.	0.	8	-3.30	0.	0.	8	-4.60	0.	0.
9	-3.20	0.	0.	9	-3.20	0.	0.	9	-4.40	0.	0.
10	-3.10	0.	0.	10	-3.10	0.	0.	10	-4.20	0.0000	0.0000
11	-3.00	0.	0.	11	-3.00	0.	0.	11	-4.00	0.0001	0.0001
12	-2.90	0.0001	0.0001	12	-2.90	0.	0.	12	-3.80	0.0002	0.0003
13	-2.80	0.0003	0.0004	13	-2.80	0.	0.	13	-3.60	0.0002	0.0005
14	-2.70	0.0010	0.0013	14	-2.70	0.	0.	14	-3.40	0.0003	0.0008
15	-2.60	0.0018	0.0031	15	-2.60	0.0000	0.0000	15	-3.20	0.0008	0.0016
16	-2.50	0.0029	0.0060	16	-2.50	0.0000	0.0000	16	-3.00	0.0016	0.0032
17	-2.40	0.0043	0.0103	17	-2.40	0.0000	0.0001	17	-2.80	0.0027	0.0059
18	-2.30	0.0055	0.0158	18	-2.30	0.0001	0.0001	18	-2.60	0.0053	0.0112
19	-2.20	0.0073	0.0231	19	-2.20	0.0001	0.0002	19	-2.40	0.0092	0.0205
20	-2.10	0.0092	0.0323	20	-2.10	0.0001	0.0003	20	-2.20	0.0151	0.0355
21	-2.00	0.0115	0.0438	21	-2.00	0.0002	0.0005	21	-2.00	0.0227	0.0582
22	-1.90	0.0149	0.0587	22	-1.90	0.0002	0.0007	22	-1.80	0.0326	0.0908
23	-1.80	0.0181	0.0768	23	-1.80	0.0004	0.0011	23	-1.60	0.0430	0.1338
24	-1.70	0.0223	0.0991	24	-1.70	0.0004	0.0015	24	-1.40	0.0521	0.1859
25	-1.60	0.0251	0.1242	25	-1.60	0.0008	0.0023	25	-1.20	0.0577	0.2436
26	-1.50	0.0284	0.1527	26	-1.50	0.0009	0.0032	26	-1.00	0.0583	0.3019
27	-1.40	0.0298	0.1824	27	-1.40	0.0014	0.0046	27	-0.80	0.0552	0.3572
28	-1.30	0.0314	0.2138	28	-1.30	0.0019	0.0065	28	-0.60	0.0513	0.4085
29	-1.20	0.0305	0.2442	29	-1.20	0.0027	0.0091	29	-0.40	0.0463	0.4548
30	-1.10	0.0308	0.2750	30	-1.10	0.0035	0.0126	30	-0.20	0.0433	0.4980
31	-1.00	0.0297	0.3047	31	-1.00	0.0052	0.0178	31	0.	0.0408	0.5389
32	-0.90	0.0286	0.3333	32	-0.90	0.0069	0.0246	32	0.20	0.0393	0.5782
33	-0.80	0.0268	0.3600	33	-0.80	0.0093	0.0339	33	0.40	0.0394	0.6176
34	-0.70	0.0263	0.3863	34	-0.70	0.0141	0.0480	34	0.60	0.0400	0.6576
35	-0.60	0.0239	0.4102	35	-0.60	0.0221	0.0701	35	0.80	0.0421	0.6997
36	-0.50	0.0219	0.4321	36	-0.50	0.0358	0.1059	36	1.00	0.0437	0.7434
37	-0.40	0.0214	0.4535	37	-0.40	0.0556	0.1615	37	1.20	0.0448	0.7882
38	-0.30	0.0203	0.4739	38	-0.30	0.0796	0.2411	38	1.40	0.0430	0.8312
39	-0.20	0.0205	0.4944	39	-0.20	0.1025	0.3436	39	1.60	0.0399	0.8711
40	-0.10	0.0197	0.5141	40	-0.10	0.1171	0.4607	40	1.80	0.0350	0.9061
41	0.	0.0187	0.5327	41	0.	0.1185	0.5792	41	2.00	0.0291	0.9352
42	0.10	0.0188	0.5515	42	0.10	0.1056	0.6848	42	2.20	0.0212	0.9565
43	0.20	0.0187	0.5702	43	0.20	0.0858	0.7706	43	2.40	0.0160	0.9724
44	0.30	0.0187	0.5889	44	0.30	0.0673	0.8379	44	2.60	0.0106	0.9831
45	0.40	0.0194	0.6084	45	0.40	0.0472	0.8851	45	2.80	0.0071	0.9902
46	0.50	0.0184	0.6267	46	0.50	0.0327	0.9179	46	3.00	0.0046	0.9948
47	0.60	0.0189	0.6456	47	0.60	0.0235	0.9414	47	3.20	0.0025	0.9973
48	0.70	0.0198	0.6655	48	0.70	0.0161	0.9575	48	3.40	0.0013	0.9986
49	0.80	0.0206	0.6861	49	0.80	0.0116	0.9691	49	3.60	0.0007	0.9993
50	0.90	0.0211	0.7072	50	0.90	0.0082	0.9773	50	3.80	0.0004	0.9996
51	1.00	0.0217	0.7288	51	1.00	0.0060	0.9833	51	4.00	0.0002	0.9998
52	1.10	0.0230	0.7518	52	1.10	0.0044	0.9877	52	4.20	0.0001	0.9999
53	1.20	0.0234	0.7752	53	1.20	0.0033	0.9910	53	4.40	0.0001	0.9999
54	1.30	0.0233	0.7985	54	1.30	0.0023	0.9933	54	4.60	0.0000	1.0000
55	1.40	0.0224	0.8209	55	1.40	0.0019	0.9952	55	4.80	0.0000	1.0000
56	1.50	0.0220	0.8429	56	1.50	0.0012	0.9964	56	5.00	0.0000	1.0000
57	1.60	0.0214	0.8642	57	1.60	0.0010	0.9974	57	5.20	0.	1.0000
58	1.70	0.0200	0.8843	58	1.70	0.0008	0.9982	58	5.40	0.	1.0000
59	1.80	0.0184	0.9026	59	1.80	0.0005	0.9987	59	5.60	0.	1.0000
60	1.90	0.0165	0.9191	60	1.90	0.0005	0.9991	60	5.80	0.	1.0000
61	2.00	0.0144	0.9335	61	2.00	0.0002	0.9994	61	6.00	0.	1.0000
62	2.10	0.0131	0.9466	62	2.10	0.0002	0.9996				
63	2.20	0.0115	0.9581	63	2.20	0.0001	0.9997				
64	2.30	0.0098	0.9680	64	2.30	0.0001	0.9997				
65	2.40	0.0078	0.9758	65	2.40	0.0001	0.9998				
66	2.50	0.0062	0.9819	66	2.50	0.0001	0.9998				
67	2.60	0.0049	0.9868	67	2.60	0.0001	0.9999				
68	2.70	0.0037	0.9905	68	2.70	0.0001	0.9999				
69	2.80	0.0031	0.9936	69	2.80	0.0000	0.9999				
70	2.90	0.0024	0.9960	70	2.90	0.0000	1.0000				
71	3.00	0.0017	0.9977	71	3.00	0.0000	1.0000				
72	3.10	0.0013	0.9989	72	3.10	0.	1.0000				
73	3.20	0.0007	0.9997	73	3.20	0.0000	1.0000				
74	3.30	0.0003	1.0000	74	3.30	0.0000	1.0000				
75	3.40	0.0000	1.0000	75	3.40	0.	1.0000				
76	3.50	0.	1.0000	76	3.50	0.	1.0000				
77	3.60	0.	1.0000	77	3.60	0.	1.0000				
78	3.70	0.	1.0000	78	3.70	0.	1.0000				
79	3.80	0.	1.0000	79	3.80	0.	1.0000				
80	3.90	0.	1.0000	80	3.90	0.	1.0000				
81	4.00	0.	1.0000	81	4.00	0.	1.0000				

I - INTERVAL NUMBER X - INTERVAL CENTER VALUE

P(X) - PROBABILITY MASS FUNCTION F(X) - CUMULATIVE DISTRIBUTION FUNCTION

NEWPORT R.I.

STATISTICS FOR JANUARY

ASTRONOMICAL TIDE				STORM SURGE				TOTAL WATER LEVEL			
MEAN-0.16		STND DEV 1.31		MEAN-0.01		STND DEV 0.57		MEAN-0.14		STND DEV 1.38	
I	X	P(X)	F(X)	I	X	P(X)	F(X)	I	X	P(X)	F(X)
1	-4.00	0.	0.	1	-4.00	0.	0.	1	-6.00	0.	0.
2	-3.90	0.	0.	2	-3.90	0.	0.	2	-5.80	0.	0.
3	-3.80	0.	0.	3	-3.80	0.	0.	3	-5.60	0.	0.
4	-3.70	0.	0.	4	-3.70	0.	0.	4	-5.40	0.	0.
5	-3.60	0.	0.	5	-3.60	0.	0.	5	-5.20	0.	0.
6	-3.50	0.	0.	6	-3.50	0.	0.	6	-5.00	0.	0.
7	-3.40	0.	0.	7	-3.40	0.	0.	7	-4.80	0.	0.
8	-3.30	0.	0.	8	-3.30	0.	0.	8	-4.60	0.	0.
9	-3.20	0.	0.	9	-3.20	0.	0.	9	-4.40	0.	0.
10	-3.10	0.	0.	10	-3.10	0.	0.	10	-4.20	0.0001	0.0001
11	-3.00	0.	0.	11	-3.00	0.	0.	11	-4.00	0.0002	0.0003
12	-2.90	0.	0.	12	-2.90	0.	0.	12	-3.80	0.0006	0.0009
13	-2.80	0.0002	0.0002	13	-2.80	0.	0.	13	-3.60	0.0005	0.0013
14	-2.70	0.0018	0.0021	14	-2.70	0.	0.	14	-3.40	0.0010	0.0024
15	-2.60	0.0029	0.0050	15	-2.60	0.0002	0.0002	15	-3.20	0.0028	0.0051
16	-2.50	0.0042	0.0092	16	-2.50	0.0001	0.0003	16	-3.00	0.0051	0.0102
17	-2.40	0.0061	0.0153	17	-2.40	0.	0.0003	17	-2.80	0.0081	0.0183
18	-2.30	0.0085	0.0238	18	-2.30	0.0002	0.0006	18	-2.60	0.0127	0.0310
19	-2.20	0.0096	0.0334	19	-2.20	0.0002	0.0008	19	-2.40	0.0171	0.0481
20	-2.10	0.0114	0.0448	20	-2.10	0.0002	0.0010	20	-2.20	0.0232	0.0712
21	-2.00	0.0161	0.0608	21	-2.00	0.0005	0.0015	21	-2.00	0.0308	0.1020
22	-1.90	0.0214	0.0822	22	-1.90	0.0010	0.0025	22	-1.80	0.0362	0.1382
23	-1.80	0.0272	0.1094	23	-1.80	0.0009	0.0033	23	-1.60	0.0447	0.1829
24	-1.70	0.0284	0.1378	24	-1.70	0.0009	0.0042	24	-1.40	0.0504	0.2333
25	-1.60	0.0330	0.1708	25	-1.60	0.0023	0.0065	25	-1.20	0.0491	0.2824
26	-1.50	0.0332	0.2040	26	-1.50	0.0025	0.0090	26	-1.00	0.0543	0.3367
27	-1.40	0.0322	0.2362	27	-1.40	0.0026	0.0116	27	-0.80	0.0485	0.3852
28	-1.30	0.0316	0.2678	28	-1.30	0.0059	0.0175	28	-0.60	0.0477	0.4329
29	-1.20	0.0323	0.3001	29	-1.20	0.0070	0.0244	29	-0.40	0.0454	0.4783
30	-1.10	0.0283	0.3284	30	-1.10	0.0089	0.0333	30	-0.20	0.0461	0.5244
31	-1.00	0.0256	0.3540	31	-1.00	0.0146	0.0479	31	0.	0.0416	0.5659
32	-0.90	0.0272	0.3812	32	-0.90	0.0162	0.0641	32	0.20	0.0433	0.6092
33	-0.80	0.0239	0.4050	33	-0.80	0.0191	0.0833	33	0.40	0.0397	0.6489
34	-0.70	0.0219	0.4269	34	-0.70	0.0302	0.1135	34	0.60	0.0406	0.6894
35	-0.60	0.0210	0.4479	35	-0.60	0.0385	0.1520	35	0.80	0.0474	0.7369
36	-0.50	0.0201	0.4680	36	-0.50	0.0486	0.2006	36	1.00	0.0414	0.7782
37	-0.40	0.0188	0.4868	37	-0.40	0.0560	0.2566	37	1.20	0.0437	0.8220
38	-0.30	0.0207	0.5075	38	-0.30	0.0606	0.3172	38	1.40	0.0387	0.8607
39	-0.20	0.0214	0.5289	39	-0.20	0.0697	0.3869	39	1.60	0.0363	0.8970
40	-0.10	0.0187	0.5476	40	-0.10	0.0781	0.4651	40	1.80	0.0304	0.9274
41	0.	0.0172	0.5648	41	0.	0.0791	0.5442	41	2.00	0.0251	0.9525
42	0.10	0.0187	0.5834	42	0.10	0.0785	0.6227	42	2.20	0.0178	0.9703
43	0.20	0.0177	0.6011	43	0.20	0.0710	0.6937	43	2.40	0.0119	0.9821
44	0.30	0.0174	0.6185	44	0.30	0.0615	0.7552	44	2.60	0.0081	0.9902
45	0.40	0.0210	0.6396	45	0.40	0.0498	0.8050	45	2.80	0.0049	0.9951
46	0.50	0.0194	0.6589	46	0.50	0.0432	0.8482	46	3.00	0.0021	0.9972
47	0.60	0.0188	0.6777	47	0.60	0.0378	0.8860	47	3.20	0.0017	0.9989
48	0.70	0.0240	0.7018	48	0.70	0.0289	0.9149	48	3.40	0.0010	0.9998
49	0.80	0.0208	0.7226	49	0.80	0.0210	0.9360	49	3.60	0.0002	1.0000
50	0.90	0.0219	0.7445	50	0.90	0.0176	0.9536	50	3.80	0.	1.0000
51	1.00	0.0220	0.7665	51	1.00	0.0130	0.9666	51	4.00	0.	1.0000
52	1.10	0.0221	0.7886	52	1.10	0.0103	0.9768	52	4.20	0.	1.0000
53	1.20	0.0263	0.8148	53	1.20	0.0066	0.9834	53	4.40	0.	1.0000
54	1.30	0.0228	0.8376	54	1.30	0.0040	0.9874	54	4.60	0.	1.0000
55	1.40	0.0215	0.8591	55	1.40	0.0043	0.9917	55	4.80	0.	1.0000
56	1.50	0.0219	0.8810	56	1.50	0.0021	0.9938	56	5.00	0.	1.0000
57	1.60	0.0194	0.9004	57	1.60	0.0020	0.9958	57	5.20	0.	1.0000
58	1.70	0.0170	0.9174	58	1.70	0.0019	0.9977	58	5.40	0.	1.0000
59	1.80	0.0161	0.9334	59	1.80	0.0006	0.9983	59	5.60	0.	1.0000
60	1.90	0.0154	0.9488	60	1.90	0.0008	0.9991	60	5.80	0.	1.0000
61	2.00	0.0132	0.9620	61	2.00	0.0004	0.9995	61	6.00	0.	1.0000
62	2.10	0.0090	0.9711	62	2.10	0.0002	0.9998				
63	2.20	0.0086	0.9797	63	2.20	0.0002	0.9999				
64	2.30	0.0050	0.9847	64	2.30	0.	0.9999				
65	2.40	0.0046	0.9892	65	2.40	0.0001	1.0000				
66	2.50	0.0039	0.9931	66	2.50	0.	1.0000				
67	2.60	0.0021	0.9952	67	2.60	0.	1.0000				
68	2.70	0.0020	0.9972	68	2.70	0.	1.0000				
69	2.80	0.0014	0.9986	69	2.80	0.	1.0000				
70	2.90	0.0011	0.9997	70	2.90	0.	1.0000				
71	3.00	0.0002	0.9998	71	3.00	0.	1.0000				
72	3.10	0.0002	1.0000	72	3.10	0.	1.0000				
73	3.20	0.	1.0000	73	3.20	0.	1.0000				
74	3.30	0.	1.0000	74	3.30	0.	1.0000				
75	3.40	0.	1.0000	75	3.40	0.	1.0000				
76	3.50	0.	1.0000	76	3.50	0.	1.0000				
77	3.60	0.	1.0000	77	3.60	0.	1.0000				
78	3.70	0.	1.0000	78	3.70	0.	1.0000				
79	3.80	0.	1.0000	79	3.80	0.	1.0000				
80	3.90	0.	1.0000	80	3.90	0.	1.0000				
81	4.00	0.	1.0000	81	4.00	0.	1.0000				

I - INTERVAL NUMBER X - INTERVAL CENTER VALUE

P(X) - PROBABILITY MASS FUNCTION F(X) - CUMULATIVE DISTRIBUTION FUNCTION

NEWPORT R.I.

STATISTICS FOR FEBRUARY

ASTRONOMICAL TIDE				STORM SURGE				TOTAL WATER LEVEL			
MEAN-0.16		STND DEV 1.33		MEAN-0.04		STND DEV 0.55		MEAN-0.20		STND DEV 1.39	
I	X	P(X)	F(X)	I	X	P(X)	F(X)	I	X	P(X)	F(X)
1	-4.00	0.	0.	1	-4.00	0.	0.	1	-6.00	0.	0.
2	-3.90	0.	0.	2	-3.90	0.	0.	2	-5.80	0.	0.
3	-3.80	0.	0.	3	-3.80	0.	0.	3	-5.60	0.	0.
4	-3.70	0.	0.	4	-3.70	0.	0.	4	-5.40	0.	0.
5	-3.60	0.	0.	5	-3.60	0.	0.	5	-5.20	0.	0.
6	-3.50	0.	0.	6	-3.50	0.	0.	6	-5.00	0.	0.
7	-3.40	0.	0.	7	-3.40	0.	0.	7	-4.80	0.	0.
8	-3.30	0.	0.	8	-3.30	0.	0.	8	-4.60	0.	0.
9	-3.20	0.	0.	9	-3.20	0.	0.	9	-4.40	0.	0.
10	-3.10	0.	0.	10	-3.10	0.	0.	10	-4.20	0.	0.
11	-3.00	0.	0.	11	-3.00	0.	0.	11	-4.00	0.0003	0.0003
12	-2.90	0.0005	0.0005	12	-2.90	0.	0.	12	-3.80	0.0004	0.0007
13	-2.80	0.0014	0.0019	13	-2.80	0.	0.	13	-3.60	0.0005	0.0013
14	-2.70	0.0026	0.0045	14	-2.70	0.	0.	14	-3.40	0.0005	0.0018
15	-2.60	0.0055	0.0100	15	-2.60	0.	0.	15	-3.20	0.0017	0.0035
16	-2.50	0.0067	0.0167	16	-2.50	0.	0.	16	-3.00	0.0048	0.0083
17	-2.40	0.0082	0.0249	17	-2.40	0.	0.	17	-2.80	0.0080	0.0163
18	-2.30	0.0079	0.0327	18	-2.30	0.	0.	18	-2.60	0.0121	0.0283
19	-2.20	0.0114	0.0442	19	-2.20	0.0001	0.0001	19	-2.40	0.0199	0.0482
20	-2.10	0.0140	0.0581	20	-2.10	0.0003	0.0004	20	-2.20	0.0288	0.0770
21	-2.00	0.0167	0.0748	21	-2.00	0.0006	0.0011	21	-2.00	0.0370	0.1140
22	-1.90	0.0222	0.0970	22	-1.90	0.0003	0.0014	22	-1.80	0.0418	0.1558
23	-1.80	0.0273	0.1243	23	-1.80	0.0012	0.0025	23	-1.60	0.0466	0.2024
24	-1.70	0.0262	0.1505	24	-1.70	0.0010	0.0035	24	-1.40	0.0499	0.2523
25	-1.60	0.0299	0.1804	25	-1.60	0.0033	0.0068	25	-1.20	0.0526	0.3049
26	-1.50	0.0315	0.2119	26	-1.50	0.0024	0.0092	26	-1.00	0.0524	0.3572
27	-1.40	0.0302	0.2421	27	-1.40	0.0053	0.0145	27	-0.80	0.0504	0.4077
28	-1.30	0.0297	0.2718	28	-1.30	0.0065	0.0209	28	-0.60	0.0462	0.4539
29	-1.20	0.0323	0.3042	29	-1.20	0.0080	0.0290	29	-0.40	0.0439	0.4978
30	-1.10	0.0293	0.3334	30	-1.10	0.0099	0.0389	30	-0.20	0.0456	0.5434
31	-1.00	0.0241	0.3576	31	-1.00	0.0159	0.0548	31	0.	0.0417	0.5850
32	-0.90	0.0241	0.3817	32	-0.90	0.0173	0.0721	32	0.20	0.0396	0.6246
33	-0.80	0.0245	0.4062	33	-0.80	0.0227	0.0949	33	0.40	0.0423	0.6669
34	-0.70	0.0234	0.4296	34	-0.70	0.0272	0.1220	34	0.60	0.0406	0.7073
35	-0.60	0.0214	0.4510	35	-0.60	0.0353	0.1574	35	0.80	0.0465	0.7540
36	-0.50	0.0187	0.4697	36	-0.50	0.0461	0.2035	36	1.00	0.0405	0.7945
37	-0.40	0.0218	0.4915	37	-0.40	0.0580	0.2614	37	1.20	0.0388	0.8333
38	-0.30	0.0216	0.5131	38	-0.30	0.0713	0.3327	38	1.40	0.0326	0.8659
39	-0.20	0.0172	0.5303	39	-0.20	0.0740	0.4067	39	1.60	0.0350	0.9009
40	-0.10	0.0188	0.5491	40	-0.10	0.0742	0.4810	40	1.80	0.0262	0.9271
41	0.	0.0177	0.5669	41	0.	0.0811	0.5621	41	2.00	0.0205	0.9477
42	0.10	0.0188	0.5856	42	0.10	0.0770	0.6391	42	2.20	0.0165	0.9642
43	0.20	0.0193	0.6050	43	0.20	0.0703	0.7094	43	2.40	0.0135	0.9779
44	0.30	0.0176	0.6226	44	0.30	0.0671	0.7765	44	2.60	0.0088	0.9867
45	0.40	0.0207	0.6433	45	0.40	0.0540	0.8306	45	2.80	0.0062	0.9929
46	0.50	0.0188	0.6621	46	0.50	0.0448	0.8754	46	3.00	0.0034	0.9963
47	0.60	0.0213	0.6834	47	0.60	0.0328	0.9082	47	3.20	0.0014	0.9977
48	0.70	0.0208	0.7041	48	0.70	0.0252	0.9334	48	3.40	0.0014	0.9990
49	0.80	0.0236	0.7278	49	0.80	0.0178	0.9511	49	3.60	0.0003	0.9994
50	0.90	0.0212	0.7490	50	0.90	0.0148	0.9660	50	3.80	0.0003	0.9997
51	1.00	0.0204	0.7693	51	1.00	0.0101	0.9760	51	4.00	0.0001	0.9998
52	1.10	0.0244	0.7937	52	1.10	0.0069	0.9829	52	4.20	0.	0.9998
53	1.20	0.0205	0.8141	53	1.20	0.0044	0.9873	53	4.40	0.0002	1.0000
54	1.30	0.0226	0.8367	54	1.30	0.0032	0.9905	54	4.60	0.	1.0000
55	1.40	0.0205	0.8572	55	1.40	0.0024	0.9929	55	4.80	0.	1.0000
56	1.50	0.0214	0.8786	56	1.50	0.0013	0.9942	56	5.00	0.	1.0000
57	1.60	0.0170	0.8956	57	1.60	0.0015	0.9957	57	5.20	0.	1.0000
58	1.70	0.0161	0.9116	58	1.70	0.0014	0.9970	58	5.40	0.	1.0000
59	1.80	0.0181	0.9297	59	1.80	0.0006	0.9977	59	5.60	0.	1.0000
60	1.90	0.0169	0.9466	60	1.90	0.0006	0.9983	60	5.80	0.	1.0000
61	2.00	0.0129	0.9595	61	2.00	0.0003	0.9986	61	6.00	0.	1.0000
62	2.10	0.0105	0.9700	62	2.10	0.0005	0.9992				
63	2.20	0.0067	0.9767	63	2.20	0.0001	0.9993				
64	2.30	0.0064	0.9831	64	2.30	0.	0.9993				
65	2.40	0.0060	0.9891	65	2.40	0.0002	0.9995				
66	2.50	0.0045	0.9936	66	2.50	0.0003	0.9998				
67	2.60	0.0029	0.9965	67	2.60	0.0001	0.9999				
68	2.70	0.0025	0.9991	68	2.70	0.	0.9999				
69	2.80	0.0008	0.9999	69	2.80	0.0001	1.0000				
70	2.90	0.0001	1.0000	70	2.90	0.	1.0000				
71	3.00	0.	1.0000	71	3.00	0.	1.0000				
72	3.10	0.	1.0000	72	3.10	0.	1.0000				
73	3.20	0.	1.0000	73	3.20	0.	1.0000				
74	3.30	0.	1.0000	74	3.30	0.	1.0000				
75	3.40	0.	1.0000	75	3.40	0.	1.0000				
76	3.50	0.	1.0000	76	3.50	0.	1.0000				
77	3.60	0.	1.0000	77	3.60	0.	1.0000				
78	3.70	0.	1.0000	78	3.70	0.	1.0000				
79	3.80	0.	1.0000	79	3.80	0.	1.0000				
80	3.90	0.	1.0000	80	3.90	0.	1.0000				
81	4.00	0.	1.0000	81	4.00	0.	1.0000				

I - INTERVAL NUMBER X - INTERVAL CENTER VALUE

P(X) - PROBABILITY MASS FUNCTION F(X) - CUMULATIVE DISTRIBUTION FUNCTION

NEWPORT R.I.

STATISTICS FOR MARCH

ASTRONOMICAL TIDE				STORM SURGE				TOTAL WATER LEVEL			
MEAN-0.16		STND DEV 1.33		MEAN 0.04		STND DEV 0.54		MEAN-0.10		STND DEV 1.38	
I	X	P(X)	F(X)	I	X	P(X)	F(X)	I	X	P(X)	F(X)
1	-4.00	0.	0.	1	-4.00	0.	0.	1	-6.00	0.	0.
2	-3.90	0.	0.	2	-3.90	0.	0.	2	-5.80	0.	0.
3	-3.80	0.	0.	3	-3.80	0.	0.	3	-5.60	0.	0.
4	-3.70	0.	0.	4	-3.70	0.	0.	4	-5.40	0.	0.
5	-3.60	0.	0.	5	-3.60	0.	0.	5	-5.20	0.	0.
6	-3.50	0.	0.	6	-3.50	0.	0.	6	-5.00	0.	0.
7	-3.40	0.	0.	7	-3.40	0.	0.	7	-4.80	0.	0.
8	-3.30	0.	0.	8	-3.30	0.	0.	8	-4.60	0.	0.
9	-3.20	0.	0.	9	-3.20	0.	0.	9	-4.40	0.	0.
10	-3.10	0.	0.	10	-3.10	0.	0.	10	-4.20	0.	0.
11	-3.00	0.	0.	11	-3.00	0.	0.	11	-4.00	0.0003	0.0003
12	-2.90	0.0006	0.0006	12	-2.90	0.	0.	12	-3.80	0.0002	0.0006
13	-2.80	0.0017	0.0023	13	-2.80	0.	0.	13	-3.60	0.0006	0.0012
14	-2.70	0.0043	0.0066	14	-2.70	0.	0.	14	-3.40	0.0012	0.0024
15	-2.60	0.0040	0.0105	15	-2.60	0.	0.	15	-3.20	0.0023	0.0047
16	-2.50	0.0052	0.0157	16	-2.50	0.	0.	16	-3.00	0.0040	0.0088
17	-2.40	0.0074	0.0231	17	-2.40	0.	0.	17	-2.80	0.0054	0.0141
18	-2.30	0.0081	0.0312	18	-2.30	0.0001	0.0001	18	-2.60	0.0104	0.0246
19	-2.20	0.0097	0.0409	19	-2.20	0.0002	0.0002	19	-2.40	0.0161	0.0407
20	-2.10	0.0124	0.0533	20	-2.10	0.0003	0.0006	20	-2.20	0.0212	0.0619
21	-2.00	0.0153	0.0686	21	-2.00	0.0006	0.0012	21	-2.00	0.0293	0.0912
22	-1.90	0.0215	0.0901	22	-1.90	0.0006	0.0018	22	-1.80	0.0370	0.1282
23	-1.80	0.0232	0.1133	23	-1.80	0.0010	0.0027	23	-1.60	0.0417	0.1699
24	-1.70	0.0270	0.1403	24	-1.70	0.0010	0.0037	24	-1.40	0.0475	0.2174
25	-1.60	0.0282	0.1684	25	-1.60	0.0013	0.0050	25	-1.20	0.0520	0.2694
26	-1.50	0.0293	0.1977	26	-1.50	0.0022	0.0072	26	-1.00	0.0565	0.3260
27	-1.40	0.0309	0.2287	27	-1.40	0.0035	0.0106	27	-0.80	0.0501	0.3760
28	-1.30	0.0323	0.2610	28	-1.30	0.0035	0.0141	28	-0.60	0.0510	0.4270
29	-1.20	0.0298	0.2908	29	-1.20	0.0050	0.0191	29	-0.40	0.0448	0.4718
30	-1.10	0.0282	0.3189	30	-1.10	0.0055	0.0246	30	-0.20	0.0466	0.5184
31	-1.00	0.0316	0.3505	31	-1.00	0.0087	0.0332	31	0.	0.0427	0.5611
32	-0.90	0.0266	0.3771	32	-0.90	0.0133	0.0465	32	0.20	0.0416	0.6027
33	-0.80	0.0233	0.4005	33	-0.80	0.0171	0.0636	33	0.40	0.0419	0.6446
34	-0.70	0.0236	0.4241	34	-0.70	0.0239	0.0875	34	0.60	0.0434	0.6879
35	-0.60	0.0205	0.4446	35	-0.60	0.0296	0.1171	35	0.80	0.0418	0.7297
36	-0.50	0.0210	0.4656	36	-0.50	0.0404	0.1575	36	1.00	0.0466	0.7763
37	-0.40	0.0205	0.4861	37	-0.40	0.0515	0.2090	37	1.20	0.0428	0.8190
38	-0.30	0.0215	0.5076	38	-0.30	0.0646	0.2736	38	1.40	0.0373	0.8564
39	-0.20	0.0183	0.5259	39	-0.20	0.0713	0.3449	39	1.60	0.0332	0.8896
40	-0.10	0.0182	0.5441	40	-0.10	0.0808	0.4257	40	1.80	0.0295	0.9191
41	0.	0.0179	0.5620	41	0.	0.0879	0.5137	41	2.00	0.0237	0.9428
42	0.10	0.0200	0.5820	42	0.10	0.0871	0.6008	42	2.20	0.0186	0.9614
43	0.20	0.0192	0.6012	43	0.20	0.0812	0.6819	43	2.40	0.0175	0.9789
44	0.30	0.0186	0.6198	44	0.30	0.0715	0.7534	44	2.60	0.0080	0.9869
45	0.40	0.0196	0.6394	45	0.40	0.0544	0.8098	45	2.80	0.0062	0.9931
46	0.50	0.0180	0.6574	46	0.50	0.0424	0.8522	46	3.00	0.0035	0.9966
47	0.60	0.0225	0.6799	47	0.60	0.0370	0.8892	47	3.20	0.0015	0.9982
48	0.70	0.0212	0.7011	48	0.70	0.0284	0.9176	48	3.40	0.0007	0.9989
49	0.80	0.0224	0.7234	49	0.80	0.0202	0.9378	49	3.60	0.0002	0.9991
50	0.90	0.0201	0.7435	50	0.90	0.0151	0.9529	50	3.80	0.0004	0.9995
51	1.00	0.0235	0.7670	51	1.00	0.0116	0.9645	51	4.00	0.0001	0.9996
52	1.10	0.0214	0.7884	52	1.10	0.0084	0.9729	52	4.20	0.0001	0.9997
53	1.20	0.0246	0.8130	53	1.20	0.0066	0.9795	53	4.40	0.	0.9997
54	1.30	0.0217	0.8348	54	1.30	0.0056	0.9851	54	4.60	0.0002	0.9999
55	1.40	0.0206	0.8554	55	1.40	0.0047	0.9897	55	4.80	0.0001	1.0000
56	1.50	0.0204	0.8758	56	1.50	0.0025	0.9922	56	5.00	0.	1.0000
57	1.60	0.0191	0.8949	57	1.60	0.0022	0.9944	57	5.20	0.	1.0000
58	1.70	0.0183	0.9132	58	1.70	0.0015	0.9959	58	5.40	0.	1.0000
59	1.80	0.0178	0.9310	59	1.80	0.0013	0.9972	59	5.60	0.	1.0000
60	1.90	0.0142	0.9451	60	1.90	0.0007	0.9979	60	5.80	0.	1.0000
61	2.00	0.0123	0.9573	61	2.00	0.0004	0.9983	61	6.00	0.	1.0000
62	2.10	0.0092	0.9666	62	2.10	0.0004	0.9987				
63	2.20	0.0086	0.9752	63	2.20	0.0002	0.9989				
64	2.30	0.0065	0.9817	64	2.30	0.0004	0.9993				
65	2.40	0.0044	0.9862	65	2.40	0.	0.9993				
66	2.50	0.0032	0.9894	66	2.50	0.0002	0.9994				
67	2.60	0.0029	0.9942	67	2.60	0.0001	0.9993				
68	2.70	0.0025	0.9968	68	2.70	0.0002	0.9998				
69	2.80	0.0015	0.9983	69	2.80	0.	0.9998				
70	2.90	0.0013	0.9996	70	2.90	0.0002	0.9999				
71	3.00	0.0003	0.9999	71	3.00	0.0001	1.0000				
72	3.10	0.0001	1.0000	72	3.10	0.	1.0000				
73	3.20	0.	1.0000	73	3.20	0.	1.0000				
74	3.30	0.	1.0000	74	3.30	0.	1.0000				
75	3.40	0.	1.0000	75	3.40	0.	1.0000				
76	3.50	0.	1.0000	76	3.50	0.	1.0000				
77	3.60	0.	1.0000	77	3.60	0.	1.0000				
78	3.70	0.	1.0000	78	3.70	0.	1.0000				
79	3.80	0.	1.0000	79	3.80	0.	1.0000				
80	3.90	0.	1.0000	80	3.90	0.	1.0000				
81	4.00	0.	1.0000	81	4.00	0.	1.0000				

I - INTERVAL NUMBER X - INTERVAL CENTER VALUE

P(X) - PROBABILITY MASS FUNCTION F(X) - CUMULATIVE DISTRIBUTION FUNCTION

NEWPORT R.I.

STATISTICS FOR APRIL

ASTRONOMICAL TIDE				STORM SURGE				TOTAL WATER LEVEL			
MEAN-0.09		STND DEV 1.33		MEAN-0.01		STND DEV 0.39		MEAN-0.07		STND DEV 1.33	
I	X	P(X)	F(X)	I	X	P(X)	F(X)	I	X	P(X)	F(X)
1	-4.00	0.	0.	1	-4.00	0.	0.	1	-6.00	0.	0.
2	-3.90	0.	0.	2	-3.90	0.	0.	2	-5.80	0.	0.
3	-3.80	0.	0.	3	-3.80	0.	0.	3	-5.60	0.	0.
4	-3.70	0.	0.	4	-3.70	0.	0.	4	-5.40	0.	0.
5	-3.60	0.	0.	5	-3.60	0.	0.	5	-5.20	0.	0.
6	-3.50	0.	0.	6	-3.50	0.	0.	6	-5.00	0.	0.
7	-3.40	0.	0.	7	-3.40	0.	0.	7	-4.80	0.	0.
8	-3.30	0.	0.	8	-3.30	0.	0.	8	-4.60	0.	0.
9	-3.20	0.	0.	9	-3.20	0.	0.	9	-4.40	0.	0.
10	-3.10	0.	0.	10	-3.10	0.	0.	10	-4.20	0.	0.
11	-3.00	0.	0.	11	-3.00	0.	0.	11	-4.00	0.	0.
12	-2.90	0.0002	0.0002	12	-2.90	0.	0.	12	-3.80	0.	0.
13	-2.80	0.0005	0.0007	13	-2.80	0.	0.	13	-3.60	0.	0.
14	-2.70	0.0026	0.0033	14	-2.70	0.	0.	14	-3.40	0.0002	0.0002
15	-2.60	0.0034	0.0067	15	-2.60	0.	0.	15	-3.20	0.0007	0.0009
16	-2.50	0.0056	0.0124	16	-2.50	0.	0.	16	-3.00	0.0007	0.0016
17	-2.40	0.0061	0.0184	17	-2.40	0.	0.	17	-2.80	0.0027	0.0042
18	-2.30	0.0073	0.0258	18	-2.30	0.	0.	18	-2.60	0.0075	0.0117
19	-2.20	0.0087	0.0345	19	-2.20	0.	0.	19	-2.40	0.0120	0.0237
20	-2.10	0.0111	0.0456	20	-2.10	0.	0.	20	-2.20	0.0192	0.0428
21	-2.00	0.0130	0.0586	21	-2.00	0.	0.	21	-2.00	0.0288	0.0716
22	-1.90	0.0180	0.0766	22	-1.90	0.	0.	22	-1.80	0.0397	0.1114
23	-1.80	0.0216	0.0982	23	-1.80	0.	0.	23	-1.60	0.0436	0.1550
24	-1.70	0.0243	0.1225	24	-1.70	0.	0.	24	-1.40	0.0527	0.2076
25	-1.60	0.0265	0.1490	25	-1.60	0.	0.	25	-1.20	0.0607	0.2683
26	-1.50	0.0310	0.1800	26	-1.50	0.0001	0.0001	26	-1.00	0.0575	0.3258
27	-1.40	0.0284	0.2084	27	-1.40	0.0003	0.0004	27	-0.80	0.0523	0.3781
28	-1.30	0.0318	0.2402	28	-1.30	0.0004	0.0008	28	-0.60	0.0503	0.4284
29	-1.20	0.0311	0.2713	29	-1.20	0.0007	0.0015	29	-0.40	0.0451	0.4736
30	-1.10	0.0296	0.3009	30	-1.10	0.0028	0.0043	30	-0.20	0.0436	0.5172
31	-1.00	0.0288	0.3297	31	-1.00	0.0037	0.0080	31	0.	0.0405	0.5577
32	-0.90	0.0255	0.3552	32	-0.90	0.0069	0.0149	32	0.20	0.0410	0.5986
33	-0.80	0.0254	0.3806	33	-0.80	0.0081	0.0230	33	0.40	0.0399	0.6386
34	-0.70	0.0251	0.4057	34	-0.70	0.0169	0.0399	34	0.60	0.0403	0.6789
35	-0.60	0.0222	0.4309	35	-0.60	0.0268	0.0666	35	0.80	0.0451	0.7240
36	-0.50	0.0207	0.4516	36	-0.50	0.0456	0.1122	36	1.00	0.0476	0.7717
37	-0.40	0.0213	0.4729	37	-0.40	0.0642	0.1764	37	1.20	0.0458	0.8174
38	-0.30	0.0187	0.4916	38	-0.30	0.0867	0.2631	38	1.40	0.0439	0.8613
39	-0.20	0.0197	0.5113	39	-0.20	0.1042	0.3673	39	1.60	0.0354	0.8967
40	-0.10	0.0208	0.5321	40	-0.10	0.1052	0.4725	40	1.80	0.0317	0.9284
41	0.	0.0211	0.5532	41	0.	0.1052	0.5777	41	2.00	0.0229	0.9513
42	0.10	0.0157	0.5688	42	0.10	0.0975	0.6751	42	2.20	0.0172	0.9685
43	0.20	0.0178	0.5867	43	0.20	0.0880	0.7631	43	2.40	0.0110	0.9794
44	0.30	0.0185	0.6052	44	0.30	0.0733	0.8364	44	2.60	0.0084	0.9878
45	0.40	0.0208	0.6259	45	0.40	0.0527	0.8890	45	2.80	0.0049	0.9927
46	0.50	0.0194	0.6453	46	0.50	0.0368	0.9258	46	3.00	0.0025	0.9952
47	0.60	0.0191	0.6644	47	0.60	0.0242	0.9500	47	3.20	0.0019	0.9971
48	0.70	0.0191	0.6834	48	0.70	0.0162	0.9663	48	3.40	0.0009	0.9980
49	0.80	0.0232	0.7066	49	0.80	0.0097	0.9760	49	3.60	0.0011	0.9991
50	0.90	0.0229	0.7295	50	0.90	0.0070	0.9830	50	3.80	0.0005	0.9995
51	1.00	0.0207	0.7502	51	1.00	0.0054	0.9884	51	4.00	0.0002	0.9998
52	1.10	0.0255	0.7756	52	1.10	0.0031	0.9914	52	4.20	0.0001	0.9998
53	1.20	0.0225	0.7981	53	1.20	0.0035	0.9949	53	4.40	0.0002	1.0000
54	1.30	0.0236	0.8217	54	1.30	0.0017	0.9966	54	4.60	0.	1.0000
55	1.40	0.0225	0.8442	55	1.40	0.0010	0.9976	55	4.80	0.	1.0000
56	1.50	0.0202	0.8644	56	1.50	0.0007	0.9984	56	5.00	0.	1.0000
57	1.60	0.0206	0.8850	57	1.60	0.0004	0.9987	57	5.20	0.	1.0000
58	1.70	0.0183	0.9033	58	1.70	0.0006	0.9993	58	5.40	0.	1.0000
59	1.80	0.0188	0.9222	59	1.80	0.0003	0.9996	59	5.60	0.	1.0000
60	1.90	0.0135	0.9356	60	1.90	0.0002	0.9998	60	5.80	0.	1.0000
61	2.00	0.0120	0.9476	61	2.00	0.0001	0.9999	61	6.00	0.	1.0000
62	2.10	0.0113	0.9589	62	2.10	0.	0.9999				
63	2.20	0.0089	0.9678	63	2.20	0.0001	1.0000				
64	2.30	0.0073	0.9751	64	2.30	0.	1.0000				
65	2.40	0.0064	0.9815	65	2.40	0.	1.0000				
66	2.50	0.0041	0.9856	66	2.50	0.	1.0000				
67	2.60	0.0042	0.9897	67	2.60	0.	1.0000				
68	2.70	0.0026	0.9923	68	2.70	0.	1.0000				
69	2.80	0.0026	0.9949	69	2.80	0.	1.0000				
70	2.90	0.0023	0.9972	70	2.90	0.	1.0000				
71	3.00	0.0015	0.9987	71	3.00	0.	1.0000				
72	3.10	0.0008	0.9995	72	3.10	0.	1.0000				
73	3.20	0.0005	1.0000	73	3.20	0.	1.0000				
74	3.30	0.	1.0000	74	3.30	0.	1.0000				
75	3.40	0.	1.0000	75	3.40	0.	1.0000				
76	3.50	0.	1.0000	76	3.50	0.	1.0000				
77	3.60	0.	1.0000	77	3.60	0.	1.0000				
78	3.70	0.	1.0000	78	3.70	0.	1.0000				
79	3.80	0.	1.0000	79	3.80	0.	1.0000				
80	3.90	0.	1.0000	80	3.90	0.	1.0000				
81	4.00	0.	1.0000	81	4.00	0.	1.0000				

I - INTERVAL NUMBER X - INTERVAL CENTER VALUE

P(X) - PROBABILITY MASS FUNCTION F(X) - CUMULATIVE DISTRIBUTION FUNCTION

NEWPORT R.I.

STATISTICS FOR MAY

ASTRONOMICAL TIDE				STORM SURGE				TOTAL WATER LEVEL			
MEAN 0.00		STND DEV 1.32		MEAN-0.01		STND DEV 0.31		MEAN 0.02		STND DEV 1.31	
I	X	P(X)	F(X)	I	X	P(X)	F(X)	I	X	P(X)	F(X)
1	-4.00	0.	0.	1	-4.00	0.	0.	1	-6.00	0.	0.
2	-3.90	0.	0.	2	-3.90	0.	0.	2	-5.80	0.	0.
3	-3.80	0.	0.	3	-3.80	0.	0.	3	-5.60	0.	0.
4	-3.70	0.	0.	4	-3.70	0.	0.	4	-5.40	0.	0.
5	-3.60	0.	0.	5	-3.60	0.	0.	5	-5.20	0.	0.
6	-3.50	0.	0.	6	-3.50	0.	0.	6	-5.00	0.	0.
7	-3.40	0.	0.	7	-3.40	0.	0.	7	-4.80	0.	0.
8	-3.30	0.	0.	8	-3.30	0.	0.	8	-4.60	0.	0.
9	-3.20	0.	0.	9	-3.20	0.	0.	9	-4.40	0.	0.
10	-3.10	0.	0.	10	-3.10	0.	0.	10	-4.20	0.	0.
11	-3.00	0.	0.	11	-3.00	0.	0.	11	-4.00	0.	0.
12	-2.90	0.	0.	12	-2.90	0.	0.	12	-3.80	0.	0.
13	-2.80	0.	0.	13	-2.80	0.	0.	13	-3.60	0.	0.
14	-2.70	0.0003	0.0003	14	-2.70	0.	0.	14	-3.40	0.	0.
15	-2.60	0.0018	0.0021	15	-2.60	0.	0.	15	-3.20	0.0002	0.0002
16	-2.50	0.0030	0.0051	16	-2.50	0.	0.	16	-3.00	0.0003	0.0005
17	-2.40	0.0040	0.0091	17	-2.40	0.	0.	17	-2.80	0.0016	0.0021
18	-2.30	0.0058	0.0149	18	-2.30	0.	0.	18	-2.60	0.0036	0.0057
19	-2.20	0.0079	0.0229	19	-2.20	0.	0.	19	-2.40	0.0069	0.0126
20	-2.10	0.0086	0.0314	20	-2.10	0.	0.	20	-2.20	0.0135	0.0261
21	-2.00	0.0099	0.0413	21	-2.00	0.	0.	21	-2.00	0.0202	0.0463
22	-1.90	0.0139	0.0552	22	-1.90	0.	0.	22	-1.80	0.0311	0.0774
23	-1.80	0.0166	0.0718	23	-1.80	0.	0.	23	-1.60	0.0486	0.1260
24	-1.70	0.0227	0.0945	24	-1.70	0.	0.	24	-1.40	0.0555	0.1815
25	-1.60	0.0278	0.1222	25	-1.60	0.	0.	25	-1.20	0.0651	0.2466
26	-1.50	0.0299	0.1521	26	-1.50	0.	0.	26	-1.00	0.0602	0.3068
27	-1.40	0.0315	0.1836	27	-1.40	0.	0.	27	-0.80	0.0602	0.3670
28	-1.30	0.0293	0.2129	28	-1.30	0.	0.	28	-0.60	0.0504	0.4174
29	-1.20	0.0325	0.2454	29	-1.20	0.0004	0.0004	29	-0.40	0.0419	0.4593
30	-1.10	0.0317	0.2770	30	-1.10	0.0005	0.0009	30	-0.20	0.0457	0.5049
31	-1.00	0.0291	0.3062	31	-1.00	0.0009	0.0019	31	0.	0.0378	0.5427
32	-0.90	0.0279	0.3340	32	-0.90	0.0015	0.0033	32	0.20	0.0360	0.5786
33	-0.80	0.0287	0.3627	33	-0.80	0.0039	0.0072	33	0.40	0.0384	0.6171
34	-0.70	0.0262	0.3889	34	-0.70	0.0092	0.0165	34	0.60	0.0428	0.6599
35	-0.60	0.0226	0.4114	35	-0.60	0.0185	0.0350	35	0.80	0.0428	0.7027
36	-0.50	0.0238	0.4353	36	-0.50	0.0384	0.0733	36	1.00	0.0431	0.7459
37	-0.40	0.0208	0.4561	37	-0.40	0.0595	0.1328	37	1.20	0.0491	0.7950
38	-0.30	0.0202	0.4763	38	-0.30	0.0859	0.2187	38	1.40	0.0445	0.8395
39	-0.20	0.0190	0.4952	39	-0.20	0.1077	0.3264	39	1.60	0.0412	0.8807
40	-0.10	0.0196	0.5149	40	-0.10	0.1275	0.4540	40	1.80	0.0362	0.9169
41	0.	0.0183	0.5332	41	0.	0.1269	0.5809	41	2.00	0.0287	0.9456
42	0.10	0.0186	0.5518	42	0.10	0.1122	0.6931	42	2.20	0.0177	0.9632
43	0.20	0.0202	0.5719	43	0.20	0.1027	0.7958	43	2.40	0.0131	0.9763
44	0.30	0.0187	0.5907	44	0.30	0.0764	0.8722	44	2.60	0.0082	0.9846
45	0.40	0.0193	0.6100	45	0.40	0.0556	0.9278	45	2.80	0.0071	0.9916
46	0.50	0.0166	0.6266	46	0.50	0.0336	0.9614	46	3.00	0.0045	0.9962
47	0.60	0.0182	0.6448	47	0.60	0.0218	0.9832	47	3.20	0.0020	0.9982
48	0.70	0.0203	0.6651	48	0.70	0.0092	0.9924	48	3.40	0.0008	0.9989
49	0.80	0.0202	0.6853	49	0.80	0.0036	0.9960	49	3.60	0.0007	0.9996
50	0.90	0.0208	0.7062	50	0.90	0.0017	0.9977	50	3.80	0.0004	1.0000
51	1.00	0.0219	0.7281	51	1.00	0.0012	0.9989	51	4.00	0.	1.0000
52	1.10	0.0229	0.7509	52	1.10	0.0003	0.9992	52	4.20	0.	1.0000
53	1.20	0.0264	0.7773	53	1.20	0.0003	0.9995	53	4.40	0.	1.0000
54	1.30	0.0252	0.8025	54	1.30	0.0002	0.9997	54	4.60	0.	1.0000
55	1.40	0.0252	0.8277	55	1.40	0.0002	0.9998	55	4.80	0.	1.0000
56	1.50	0.0240	0.8518	56	1.50	0.0002	1.0000	56	5.00	0.	1.0000
57	1.60	0.0206	0.8724	57	1.60	0.	1.0000	57	5.20	0.	1.0000
58	1.70	0.0207	0.8931	58	1.70	0.	1.0000	58	5.40	0.	1.0000
59	1.80	0.0170	0.9101	59	1.80	0.	1.0000	59	5.60	0.	1.0000
60	1.90	0.0149	0.9250	60	1.90	0.	1.0000	60	5.80	0.	1.0000
61	2.00	0.0121	0.9371	61	2.00	0.	1.0000	61	6.00	0.	1.0000
62	2.10	0.0123	0.9495	62	2.10	0.	1.0000				
63	2.20	0.0097	0.9592	63	2.20	0.	1.0000				
64	2.30	0.0098	0.9689	64	2.30	0.	1.0000				
65	2.40	0.0072	0.9761	65	2.40	0.	1.0000				
66	2.50	0.0046	0.9807	66	2.50	0.	1.0000				
67	2.60	0.0033	0.9840	67	2.60	0.	1.0000				
68	2.70	0.0037	0.9876	68	2.70	0.	1.0000				
69	2.80	0.0032	0.9908	69	2.80	0.	1.0000				
70	2.90	0.0023	0.9931	70	2.90	0.	1.0000				
71	3.00	0.0022	0.9954	71	3.00	0.	1.0000				
72	3.10	0.0024	0.9978	72	3.10	0.	1.0000				
73	3.20	0.0016	0.9993	73	3.20	0.	1.0000				
74	3.30	0.0007	1.0000	74	3.30	0.	1.0000				
75	3.40	0.	1.0000	75	3.40	0.	1.0000				
76	3.50	0.	1.0000	76	3.50	0.	1.0000				
77	3.60	0.	1.0000	77	3.60	0.	1.0000				
78	3.70	0.	1.0000	78	3.70	0.	1.0000				
79	3.80	0.	1.0000	79	3.80	0.	1.0000				
80	3.90	0.	1.0000	80	3.90	0.	1.0000				
81	4.00	0.	1.0000	81	4.00	0.	1.0000				

I - INTERVAL NUMBER X - INTERVAL CENTER VALUE

P(X) - PROBABILITY MASS FUNCTION F(X) - CUMULATIVE DISTRIBUTION FUNCTION

NEWPORT R.I.

STATISTICS FOR JUNE

ASTRONOMICAL TIDE				STORM SURGE				TOTAL WATER LEVEL			
MEAN 0.09		STND DEV 1.32		MEAN-0.00		STND DEV 0.23		MEAN 0.11		STND DEV 1.30	
I	X	P(X)	F(X)	I	X	P(X)	F(X)	I	X	P(X)	F(X)
1	-4.00	0.	0.	1	-4.00	0.	0.	1	-6.00	0.	0.
2	-3.90	0.	0.	2	-3.90	0.	0.	2	-5.80	0.	0.
3	-3.80	0.	0.	3	-3.80	0.	0.	3	-5.60	0.	0.
4	-3.70	0.	0.	4	-3.70	0.	0.	4	-5.40	0.	0.
5	-3.60	0.	0.	5	-3.60	0.	0.	5	-5.20	0.	0.
6	-3.50	0.	0.	6	-3.50	0.	0.	6	-5.00	0.	0.
7	-3.40	0.	0.	7	-3.40	0.	0.	7	-4.80	0.	0.
8	-3.30	0.	0.	8	-3.30	0.	0.	8	-4.60	0.	0.
9	-3.20	0.	0.	9	-3.20	0.	0.	9	-4.40	0.	0.
10	-3.10	0.	0.	10	-3.10	0.	0.	10	-4.20	0.	0.
11	-3.00	0.	0.	11	-3.00	0.	0.	11	-4.00	0.	0.
12	-2.90	0.	0.	12	-2.90	0.	0.	12	-3.80	0.	0.
13	-2.80	0.	0.	13	-2.80	0.	0.	13	-3.60	0.	0.
14	-2.70	0.	0.	14	-2.70	0.	0.	14	-3.40	0.	0.
15	-2.60	0.	0.	15	-2.60	0.	0.	15	-3.20	0.	0.
16	-2.50	0.0001	0.0001	16	-2.50	0.	0.	16	-3.00	0.	0.
17	-2.40	0.0013	0.0014	17	-2.40	0.	0.	17	-2.80	0.	0.
18	-2.30	0.0035	0.0049	18	-2.30	0.	0.	18	-2.60	0.0002	0.0002
19	-2.20	0.0053	0.0101	19	-2.20	0.	0.	19	-2.40	0.0022	0.0025
20	-2.10	0.0069	0.0170	20	-2.10	0.	0.	20	-2.20	0.0079	0.0104
21	-2.00	0.0085	0.0255	21	-2.00	0.	0.	21	-2.00	0.0147	0.0250
22	-1.90	0.0123	0.0377	22	-1.90	0.	0.	22	-1.80	0.0269	0.0519
23	-1.80	0.0153	0.0530	23	-1.80	0.	0.	23	-1.60	0.0448	0.0967
24	-1.70	0.0183	0.0713	24	-1.70	0.	0.	24	-1.40	0.0552	0.1549
25	-1.60	0.0227	0.0940	25	-1.60	0.	0.	25	-1.20	0.0694	0.2243
26	-1.50	0.0281	0.1221	26	-1.50	0.	0.	26	-1.00	0.0638	0.2882
27	-1.40	0.0334	0.1555	27	-1.40	0.	0.	27	-0.80	0.0617	0.3499
28	-1.30	0.0336	0.1891	28	-1.30	0.	0.	28	-0.60	0.0505	0.4004
29	-1.20	0.0283	0.2174	29	-1.20	0.	0.	29	-0.40	0.0459	0.4464
30	-1.10	0.0362	0.2536	30	-1.10	0.0001	0.0001	30	-0.20	0.0412	0.4876
31	-1.00	0.0316	0.2853	31	-1.00	0.0001	0.0002	31	0.	0.0385	0.5261
32	-0.90	0.0302	0.3154	32	-0.90	0.0002	0.0003	32	0.20	0.0368	0.5628
33	-0.80	0.0282	0.3437	33	-0.80	0.0007	0.0010	33	0.40	0.0371	0.5999
34	-0.70	0.0266	0.3703	34	-0.70	0.0018	0.0029	34	0.60	0.0365	0.6364
35	-0.60	0.0244	0.3947	35	-0.60	0.0086	0.0115	35	0.80	0.0403	0.6767
36	-0.50	0.0208	0.4154	36	-0.50	0.0193	0.0308	36	1.00	0.0441	0.7209
37	-0.40	0.0219	0.4374	37	-0.40	0.0446	0.0754	37	1.20	0.0455	0.7663
38	-0.30	0.0205	0.4579	38	-0.30	0.0822	0.1576	38	1.40	0.0502	0.8165
39	-0.20	0.0218	0.4796	39	-0.20	0.1191	0.2767	39	1.60	0.0444	0.8609
40	-0.10	0.0186	0.4982	40	-0.10	0.1546	0.4313	40	1.80	0.0396	0.9005
41	0.	0.0194	0.5176	41	0.	0.1635	0.5948	41	2.00	0.0338	0.9342
42	0.10	0.0206	0.5382	42	0.10	0.1482	0.7430	42	2.20	0.0262	0.9605
43	0.20	0.0178	0.5559	43	0.20	0.1077	0.8507	43	2.40	0.0169	0.9773
44	0.30	0.0178	0.5738	44	0.30	0.0682	0.9189	44	2.60	0.0083	0.9857
45	0.40	0.0178	0.5915	45	0.40	0.0410	0.9598	45	2.80	0.0060	0.9917
46	0.50	0.0182	0.6097	46	0.50	0.0197	0.9795	46	3.00	0.0049	0.9966
47	0.60	0.0179	0.6276	47	0.60	0.0092	0.9887	47	3.20	0.0025	0.9990
48	0.70	0.0185	0.6461	48	0.70	0.0046	0.9933	48	3.40	0.0010	1.0000
49	0.80	0.0205	0.6667	49	0.80	0.0041	0.9974	49	3.60	0.	1.0000
50	0.90	0.0198	0.6864	50	0.90	0.0014	0.9988	50	3.80	0.	1.0000
51	1.00	0.0204	0.7068	51	1.00	0.0006	0.9994	51	4.00	0.	1.0000
52	1.10	0.0232	0.7300	52	1.10	0.0003	0.9998	52	4.20	0.	1.0000
53	1.20	0.0238	0.7538	53	1.20	0.0001	0.9998	53	4.40	0.	1.0000
54	1.30	0.0239	0.7777	54	1.30	0.0002	1.0000	54	4.60	0.	1.0000
55	1.40	0.0243	0.8020	55	1.40	0.	1.0000	55	4.80	0.	1.0000
56	1.50	0.0255	0.8275	56	1.50	0.	1.0000	56	5.00	0.	1.0000
57	1.60	0.0255	0.8529	57	1.60	0.	1.0000	57	5.20	0.	1.0000
58	1.70	0.0235	0.8765	58	1.70	0.	1.0000	58	5.40	0.	1.0000
59	1.80	0.0172	0.8937	59	1.80	0.	1.0000	59	5.60	0.	1.0000
60	1.90	0.0164	0.9101	60	1.90	0.	1.0000	60	5.80	0.	1.0000
61	2.00	0.0162	0.9263	61	2.00	0.	1.0000	61	6.00	0.	1.0000
62	2.10	0.0140	0.9403	62	2.10	0.	1.0000				
63	2.20	0.0122	0.9525	63	2.20	0.	1.0000				
64	2.30	0.0103	0.9628	64	2.30	0.	1.0000				
65	2.40	0.0089	0.9717	65	2.40	0.	1.0000				
66	2.50	0.0063	0.9779	66	2.50	0.	1.0000				
67	2.60	0.0049	0.9829	67	2.60	0.	1.0000				
68	2.70	0.0041	0.9870	68	2.70	0.	1.0000				
69	2.80	0.0029	0.9899	69	2.80	0.	1.0000				
70	2.90	0.0033	0.9932	70	2.90	0.	1.0000				
71	3.00	0.0026	0.9958	71	3.00	0.	1.0000				
72	3.10	0.0017	0.9975	72	3.10	0.	1.0000				
73	3.20	0.0017	0.9992	73	3.20	0.	1.0000				
74	3.30	0.0008	1.0000	74	3.30	0.	1.0000				
75	3.40	0.	1.0000	75	3.40	0.	1.0000				
76	3.50	0.	1.0000	76	3.50	0.	1.0000				
77	3.60	0.	1.0000	77	3.60	0.	1.0000				
78	3.70	0.	1.0000	78	3.70	0.	1.0000				
79	3.80	0.	1.0000	79	3.80	0.	1.0000				
80	3.90	0.	1.0000	80	3.90	0.	1.0000				
81	4.00	0.	1.0000	81	4.00	0.	1.0000				

I - INTERVAL NUMBER X - INTERVAL CENTER VALUE

P(X) - PROBABILITY MASS FUNCTION F(X) - CUMULATIVE DISTRIBUTION FUNCTION

NEWPORT R.I.

STATISTICS FOR JULY

ASTRONOMICAL TIDE				STORM SURGE				TOTAL WATER LEVEL			
MEAN 0.16		STND DEV 1.31		MEAN-0.07		STND DEV 0.23		MEAN 0.11		STND DEV 1.30	
I	X	P(X)	F(X)	I	X	P(X)	F(X)	I	X	P(X)	F(X)
1	-4.00	0.	0.	1	-4.00	0.	0.	1	-6.00	0.	0.
2	-3.90	0.	0.	2	-3.90	0.	0.	2	-5.80	0.	0.
3	-3.80	0.	0.	3	-3.80	0.	0.	3	-5.60	0.	0.
4	-3.70	0.	0.	4	-3.70	0.	0.	4	-5.40	0.	0.
5	-3.60	0.	0.	5	-3.60	0.	0.	5	-5.20	0.	0.
6	-3.50	0.	0.	6	-3.50	0.	0.	6	-5.00	0.	0.
7	-3.40	0.	0.	7	-3.40	0.	0.	7	-4.80	0.	0.
8	-3.30	0.	0.	8	-3.30	0.	0.	8	-4.60	0.	0.
9	-3.20	0.	0.	9	-3.20	0.	0.	9	-4.40	0.	0.
10	-3.10	0.	0.	10	-3.10	0.	0.	10	-4.20	0.	0.
11	-3.00	0.	0.	11	-3.00	0.	0.	11	-4.00	0.	0.
12	-2.90	0.	0.	12	-2.90	0.	0.	12	-3.80	0.	0.
13	-2.80	0.	0.	13	-2.80	0.	0.	13	-3.60	0.	0.
14	-2.70	0.	0.	14	-2.70	0.	0.	14	-3.40	0.	0.
15	-2.60	0.	0.	15	-2.60	0.	0.	15	-3.20	0.	0.
16	-2.50	0.	0.	16	-2.50	0.	0.	16	-3.00	0.	0.
17	-2.40	0.0005	0.0005	17	-2.40	0.	0.	17	-2.80	0.	0.
18	-2.30	0.0013	0.0018	18	-2.30	0.	0.	18	-2.60	0.	0.
19	-2.20	0.0030	0.0048	19	-2.20	0.	0.	19	-2.40	0.0014	0.0014
20	-2.10	0.0063	0.0111	20	-2.10	0.	0.	20	-2.20	0.0045	0.0059
21	-2.00	0.0090	0.0201	21	-2.00	0.	0.	21	-2.00	0.0163	0.0222
22	-1.90	0.0101	0.0302	22	-1.90	0.	0.	22	-1.80	0.0287	0.0510
23	-1.80	0.0136	0.0438	23	-1.80	0.	0.	23	-1.60	0.0453	0.0963
24	-1.70	0.0166	0.0603	24	-1.70	0.	0.	24	-1.40	0.0623	0.1586
25	-1.60	0.0200	0.0804	25	-1.60	0.	0.	25	-1.20	0.0681	0.2267
26	-1.50	0.0239	0.1043	26	-1.50	0.	0.	26	-1.00	0.0654	0.2921
27	-1.40	0.0289	0.1331	27	-1.40	0.	0.	27	-0.80	0.0592	0.3513
28	-1.30	0.0341	0.1672	28	-1.30	0.	0.	28	-0.60	0.0506	0.4018
29	-1.20	0.0310	0.1982	29	-1.20	0.	0.	29	-0.40	0.0436	0.4455
30	-1.10	0.0335	0.2318	30	-1.10	0.	0.	30	-0.20	0.0406	0.4860
31	-1.00	0.0320	0.2637	31	-1.00	0.	0.	31	0.	0.0380	0.5240
32	-0.90	0.0304	0.2941	32	-0.90	0.	0.	32	0.20	0.0376	0.5616
33	-0.80	0.0260	0.3201	33	-0.80	0.0002	0.0002	33	0.40	0.0369	0.5985
34	-0.70	0.0305	0.3506	34	-0.70	0.0033	0.0035	34	0.60	0.0395	0.6380
35	-0.60	0.0280	0.3786	35	-0.60	0.0105	0.0140	35	0.80	0.0399	0.6779
36	-0.50	0.0233	0.4019	36	-0.50	0.0266	0.0406	36	1.00	0.0429	0.7208
37	-0.40	0.0214	0.4233	37	-0.40	0.0617	0.1023	37	1.20	0.0432	0.7640
38	-0.30	0.0205	0.4438	38	-0.30	0.1087	0.2110	38	1.40	0.0476	0.8116
39	-0.20	0.0226	0.4665	39	-0.20	0.1534	0.3644	39	1.60	0.0458	0.8574
40	-0.10	0.0201	0.4866	40	-0.10	0.1748	0.5392	40	1.80	0.0420	0.8993
41	0.	0.0187	0.5052	41	0.	0.1682	0.7074	41	2.00	0.0338	0.9331
42	0.10	0.0180	0.5232	42	0.10	0.1275	0.8348	42	2.20	0.0223	0.9554
43	0.20	0.0192	0.5424	43	0.20	0.0813	0.9161	43	2.40	0.0204	0.9758
44	0.30	0.0202	0.5627	44	0.30	0.0505	0.9666	44	2.60	0.0118	0.9876
45	0.40	0.0185	0.5811	45	0.40	0.0207	0.9873	45	2.80	0.0068	0.9944
46	0.50	0.0189	0.6000	46	0.50	0.0079	0.9952	46	3.00	0.0035	0.9979
47	0.60	0.0178	0.6179	47	0.60	0.0034	0.9986	47	3.20	0.0014	0.9994
48	0.70	0.0182	0.6360	48	0.70	0.0009	0.9995	48	3.40	0.0007	1.0000
49	0.80	0.0197	0.6558	49	0.80	0.0002	0.9997	49	3.60	0.	1.0000
50	0.90	0.0191	0.6749	50	0.90	0.0001	0.9998	50	3.80	0.	1.0000
51	1.00	0.0204	0.6953	51	1.00	0.0001	0.9999	51	4.00	0.	1.0000
52	1.10	0.0228	0.7181	52	1.10	0.0001	1.0000	52	4.20	0.	1.0000
53	1.20	0.0237	0.7418	53	1.20	0.	1.0000	53	4.40	0.	1.0000
54	1.30	0.0233	0.7651	54	1.30	0.	1.0000	54	4.60	0.	1.0000
55	1.40	0.0218	0.7869	55	1.40	0.	1.0000	55	4.80	0.	1.0000
56	1.50	0.0213	0.8082	56	1.50	0.	1.0000	56	5.00	0.	1.0000
57	1.60	0.0239	0.8321	57	1.60	0.	1.0000	57	5.20	0.	1.0000
58	1.70	0.0229	0.8549	58	1.70	0.	1.0000	58	5.40	0.	1.0000
59	1.80	0.0214	0.8763	59	1.80	0.	1.0000	59	5.60	0.	1.0000
60	1.90	0.0180	0.8944	60	1.90	0.	1.0000	60	5.80	0.	1.0000
61	2.00	0.0175	0.9119	61	2.00	0.	1.0000	61	6.00	0.	1.0000
62	2.10	0.0150	0.9269	62	2.10	0.	1.0000				
63	2.20	0.0155	0.9424	63	2.20	0.	1.0000				
64	2.30	0.0116	0.9540	64	2.30	0.	1.0000				
65	2.40	0.0117	0.9677	65	2.40	0.	1.0000				
66	2.50	0.0086	0.9762	66	2.50	0.	1.0000				
67	2.60	0.0075	0.9837	67	2.60	0.	1.0000				
68	2.70	0.0049	0.9887	68	2.70	0.	1.0000				
69	2.80	0.0037	0.9924	69	2.80	0.	1.0000				
70	2.90	0.0029	0.9953	70	2.90	0.	1.0000				
71	3.00	0.0020	0.9972	71	3.00	0.	1.0000				
72	3.10	0.0013	0.9986	72	3.10	0.	1.0000				
73	3.20	0.0011	0.9997	73	3.20	0.	1.0000				
74	3.30	0.0003	1.0000	74	3.30	0.	1.0000				
75	3.40	0.	1.0000	75	3.40	0.	1.0000				
76	3.50	0.	1.0000	76	3.50	0.	1.0000				
77	3.60	0.	1.0000	77	3.60	0.	1.0000				
78	3.70	0.	1.0000	78	3.70	0.	1.0000				
79	3.80	0.	1.0000	79	3.80	0.	1.0000				
80	3.90	0.	1.0000	80	3.90	0.	1.0000				
81	4.00	0.	1.0000	81	4.00	0.	1.0000				

I - INTERVAL NUMBER X - INTERVAL CENTER VALUE

P(X) - PROBABILITY MASS FUNCTION F(X) - CUMULATIVE DISTRIBUTION FUNCTION

NEWPORT R.I.

STATISTICS FOR AUGUST

ASTRONOMICAL TIDE				STORM SURGE				TOTAL WATER LEVEL			
MEAN 0.18		STND DEV 1.32		MEAN-0.04		STND DEV 0.24		MEAN 0.17		STND DEV 1.30	
I	X	P(X)	F(X)	I	X	P(X)	F(X)	I	X	P(X)	F(X)
1	-4.00	0.	0.	1	-4.00	0.	0.	1	-6.00	0.	0.
2	-3.90	0.	0.	2	-3.90	0.	0.	2	-5.80	0.	0.
3	-3.80	0.	0.	3	-3.80	0.	0.	3	-5.60	0.	0.
4	-3.70	0.	0.	4	-3.70	0.	0.	4	-5.40	0.	0.
5	-3.60	0.	0.	5	-3.60	0.	0.	5	-5.20	0.	0.
6	-3.50	0.	0.	6	-3.50	0.	0.	6	-5.00	0.	0.
7	-3.40	0.	0.	7	-3.40	0.	0.	7	-4.80	0.	0.
8	-3.30	0.	0.	8	-3.30	0.	0.	8	-4.60	0.	0.
9	-3.20	0.	0.	9	-3.20	0.	0.	9	-4.40	0.	0.
10	-3.10	0.	0.	10	-3.10	0.	0.	10	-4.20	0.	0.
11	-3.00	0.	0.	11	-3.00	0.	0.	11	-4.00	0.	0.
12	-2.90	0.	0.	12	-2.90	0.	0.	12	-3.80	0.	0.
13	-2.80	0.	0.	13	-2.80	0.	0.	13	-3.60	0.	0.
14	-2.70	0.	0.	14	-2.70	0.	0.	14	-3.40	0.	0.
15	-2.60	0.	0.	15	-2.60	0.	0.	15	-3.20	0.	0.
16	-2.50	0.0002	0.0002	16	-2.50	0.	0.	16	-3.00	0.	0.
17	-2.40	0.0010	0.0012	17	-2.40	0.	0.	17	-2.80	0.0001	0.0001
18	-2.30	0.0032	0.0044	18	-2.30	0.	0.	18	-2.60	0.0002	0.0003
19	-2.20	0.0044	0.0089	19	-2.20	0.	0.	19	-2.40	0.0020	0.0023
20	-2.10	0.0056	0.0145	20	-2.10	0.	0.	20	-2.20	0.0060	0.0084
21	-2.00	0.0081	0.0225	21	-2.00	0.	0.	21	-2.00	0.0131	0.0214
22	-1.90	0.0059	0.0314	22	-1.90	0.	0.	22	-1.80	0.0289	0.0503
23	-1.80	0.0116	0.0430	23	-1.80	0.	0.	23	-1.60	0.0401	0.0904
24	-1.70	0.0147	0.0577	24	-1.70	0.	0.	24	-1.40	0.0535	0.1439
25	-1.60	0.0184	0.0761	25	-1.60	0.	0.	25	-1.20	0.0604	0.2043
26	-1.50	0.0257	0.1019	26	-1.50	0.	0.	26	-1.00	0.0641	0.2685
27	-1.40	0.0296	0.1315	27	-1.40	0.	0.	27	-0.80	0.0590	0.3274
28	-1.30	0.0286	0.1602	28	-1.30	0.	0.	28	-0.60	0.0564	0.3839
29	-1.20	0.0311	0.1912	29	-1.20	0.0002	0.0002	29	-0.40	0.0474	0.4313
30	-1.10	0.0332	0.2244	30	-1.10	0.	0.0002	30	-0.20	0.0404	0.4716
31	-1.00	0.0293	0.2537	31	-1.00	0.0002	0.0004	31	0.	0.0425	0.5142
32	-0.90	0.0306	0.2843	32	-0.90	0.0001	0.0004	32	0.20	0.0361	0.5503
33	-0.80	0.0311	0.3153	33	-0.80	0.0007	0.0011	33	0.40	0.0388	0.5890
34	-0.70	0.0281	0.3434	34	-0.70	0.0023	0.0034	34	0.60	0.0353	0.6243
35	-0.60	0.0258	0.3692	35	-0.60	0.0031	0.0125	35	0.80	0.0405	0.6648
36	-0.50	0.0244	0.3936	36	-0.50	0.0219	0.0344	36	1.00	0.0438	0.7086
37	-0.40	0.0244	0.4180	37	-0.40	0.0549	0.0893	37	1.20	0.0441	0.7527
38	-0.30	0.0220	0.4401	38	-0.30	0.0928	0.1821	38	1.40	0.0480	0.8007
39	-0.20	0.0214	0.4615	39	-0.20	0.1399	0.3220	39	1.60	0.0465	0.8472
40	-0.10	0.0197	0.4812	40	-0.10	0.1693	0.4913	40	1.80	0.0410	0.8882
41	0.	0.0177	0.4989	41	0.	0.1631	0.6544	41	2.00	0.0396	0.9278
42	0.10	0.0200	0.5189	42	0.10	0.1342	0.7885	42	2.20	0.0267	0.9545
43	0.20	0.0204	0.5393	43	0.20	0.0971	0.8856	43	2.40	0.0183	0.9728
44	0.30	0.0182	0.5575	44	0.30	0.0605	0.9461	44	2.60	0.0129	0.9857
45	0.40	0.0191	0.5766	45	0.40	0.0303	0.9764	45	2.80	0.0060	0.9917
46	0.50	0.0175	0.5941	46	0.50	0.0137	0.9901	46	3.00	0.0048	0.9965
47	0.60	0.0180	0.6121	47	0.60	0.0070	0.9971	47	3.20	0.0023	0.9988
48	0.70	0.0199	0.6320	48	0.70	0.0021	0.9992	48	3.40	0.0008	0.9996
49	0.80	0.0198	0.6518	49	0.80	0.0006	0.9998	49	3.60	0.0003	0.9999
50	0.90	0.0196	0.6713	50	0.90	0.0001	0.9998	50	3.80	0.0001	1.0000
51	1.00	0.0210	0.6923	51	1.00	0.0002	1.0000	51	4.00	0.	1.0000
52	1.10	0.0224	0.7147	52	1.10	0.	1.0000	52	4.20	0.	1.0000
53	1.20	0.0201	0.7348	53	1.20	0.	1.0000	53	4.40	0.	1.0000
54	1.30	0.0216	0.7565	54	1.30	0.	1.0000	54	4.60	0.	1.0000
55	1.40	0.0228	0.7792	55	1.40	0.	1.0000	55	4.80	0.	1.0000
56	1.50	0.0212	0.8004	56	1.50	0.	1.0000	56	5.00	0.	1.0000
57	1.60	0.0224	0.8228	57	1.60	0.	1.0000	57	5.20	0.	1.0000
58	1.70	0.0227	0.8455	58	1.70	0.	1.0000	58	5.40	0.	1.0000
59	1.80	0.0208	0.8663	59	1.80	0.	1.0000	59	5.60	0.	1.0000
60	1.90	0.0187	0.8850	60	1.90	0.	1.0000	60	5.80	0.	1.0000
61	2.00	0.0174	0.9024	61	2.00	0.	1.0000	61	6.00	0.	1.0000
62	2.10	0.0181	0.9205	62	2.10	0.	1.0000				
63	2.20	0.0172	0.9377	63	2.20	0.	1.0000				
64	2.30	0.0153	0.9530	64	2.30	0.	1.0000				
65	2.40	0.0115	0.9645	65	2.40	0.	1.0000				
66	2.50	0.0098	0.9743	66	2.50	0.	1.0000				
67	2.60	0.0076	0.9819	67	2.60	0.	1.0000				
68	2.70	0.0056	0.9875	68	2.70	0.	1.0000				
69	2.80	0.0053	0.9928	69	2.80	0.	1.0000				
70	2.90	0.0029	0.9957	70	2.90	0.	1.0000				
71	3.00	0.0024	0.9980	71	3.00	0.	1.0000				
72	3.10	0.0015	0.9995	72	3.10	0.	1.0000				
73	3.20	0.0003	0.9999	73	3.20	0.	1.0000				
74	3.30	0.0001	1.0000	74	3.30	0.	1.0000				
75	3.40	0.	1.0000	75	3.40	0.	1.0000				
76	3.50	0.	1.0000	76	3.50	0.	1.0000				
77	3.60	0.	1.0000	77	3.60	0.	1.0000				
78	3.70	0.	1.0000	78	3.70	0.	1.0000				
79	3.80	0.	1.0000	79	3.80	0.	1.0000				
80	3.90	0.	1.0000	80	3.90	0.	1.0000				
81	4.00	0.	1.0000	81	4.00	0.	1.0000				

I - INTERVAL NUMBER X - INTERVAL CENTER VALUE

P(X) - PROBABILITY MASS FUNCTION F(X) - CUMULATIVE DISTRIBUTION FUNCTION

NEWPORT R.I.

STATISTICS FOR SEPTEMBER

ASTRONOMICAL TIDE				STORM SURGE				TOTAL WATER LEVEL			
MEAN 0.16		STND DEV 1.33		MEAN-0.04		STND DEV 0.27		MEAN 0.14		STND DEV 1.31	
I	X	P(X)	F(X)	I	X	P(X)	F(X)	I	X	P(X)	F(X)
1	-4.00	0.	0.	1	-4.00	0.	0.	1	-6.00	0.	0.
2	-3.90	0.	0.	2	-3.90	0.	0.	2	-5.80	0.	0.
3	-3.80	0.	0.	3	-3.80	0.	0.	3	-5.60	0.	0.
4	-3.70	0.	0.	4	-3.70	0.	0.	4	-5.40	0.	0.
5	-3.60	0.	0.	5	-3.60	0.	0.	5	-5.20	0.	0.
6	-3.50	0.	0.	6	-3.50	0.	0.	6	-5.00	0.	0.
7	-3.40	0.	0.	7	-3.40	0.	0.	7	-4.80	0.	0.
8	-3.30	0.	0.	8	-3.30	0.	0.	8	-4.60	0.	0.
9	-3.20	0.	0.	9	-3.20	0.	0.	9	-4.40	0.	0.
10	-3.10	0.	0.	10	-3.10	0.	0.	10	-4.20	0.	0.
11	-3.00	0.	0.	11	-3.00	0.	0.	11	-4.00	0.	0.
12	-2.90	0.	0.	12	-2.90	0.	0.	12	-3.80	0.	0.
13	-2.80	0.	0.	13	-2.80	0.	0.	13	-3.60	0.	0.
14	-2.70	0.	0.	14	-2.70	0.	0.	14	-3.40	0.	0.
15	-2.60	0.0001	0.0001	15	-2.60	0.	0.	15	-3.20	0.	0.
16	-2.50	0.0012	0.0013	16	-2.50	0.	0.	16	-3.00	0.	0.
17	-2.40	0.0037	0.0050	17	-2.40	0.	0.	17	-2.80	0.0002	0.0002
18	-2.30	0.0043	0.0093	18	-2.30	0.	0.	18	-2.60	0.0016	0.0018
19	-2.20	0.0050	0.0143	19	-2.20	0.	0.	19	-2.40	0.0046	0.0064
20	-2.10	0.0067	0.0210	20	-2.10	0.	0.	20	-2.20	0.0094	0.0158
21	-2.00	0.0087	0.0297	21	-2.00	0.	0.	21	-2.00	0.0175	0.0333
22	-1.90	0.0113	0.0409	22	-1.90	0.	0.	22	-1.80	0.0275	0.0608
23	-1.80	0.0124	0.0534	23	-1.80	0.	0.	23	-1.60	0.0381	0.0989
24	-1.70	0.0173	0.0707	24	-1.70	0.	0.	24	-1.40	0.0512	0.1501
25	-1.60	0.0202	0.0909	25	-1.60	0.	0.	25	-1.20	0.0548	0.2048
26	-1.50	0.0240	0.1148	26	-1.50	0.	0.	26	-1.00	0.0632	0.2681
27	-1.40	0.0254	0.1402	27	-1.40	0.	0.	27	-0.80	0.0574	0.3254
28	-1.30	0.0287	0.1689	28	-1.30	0.	0.	28	-0.60	0.0568	0.3822
29	-1.20	0.0308	0.1997	29	-1.20	0.	0.	29	-0.40	0.0514	0.4337
30	-1.10	0.0282	0.2279	30	-1.10	0.	0.	30	-0.20	0.0430	0.4766
31	-1.00	0.0316	0.2595	31	-1.00	0.0002	0.0002	31	0.	0.0415	0.5182
32	-0.90	0.0285	0.2880	32	-0.90	0.0013	0.0016	32	0.20	0.0373	0.5554
33	-0.80	0.0284	0.3165	33	-0.80	0.0030	0.0046	33	0.40	0.0401	0.5955
34	-0.70	0.0304	0.3469	34	-0.70	0.0057	0.0103	34	0.60	0.0386	0.6341
35	-0.60	0.0265	0.3734	35	-0.60	0.0127	0.0229	35	0.80	0.0409	0.6750
36	-0.50	0.0259	0.3993	36	-0.50	0.0288	0.0518	36	1.00	0.0433	0.7183
37	-0.40	0.0228	0.4221	37	-0.40	0.0638	0.1156	37	1.20	0.0479	0.7661
38	-0.30	0.0202	0.4423	38	-0.30	0.0949	0.2104	38	1.40	0.0459	0.8120
39	-0.20	0.0216	0.4639	39	-0.20	0.1335	0.3440	39	1.60	0.0450	0.8570
40	-0.10	0.0206	0.4845	40	-0.10	0.1584	0.5024	40	1.80	0.0386	0.8956
41	0.	0.0215	0.5060	41	0.	0.1513	0.6537	41	2.00	0.0328	0.9284
42	0.10	0.0181	0.5241	42	0.10	0.1196	0.7732	42	2.20	0.0224	0.9508
43	0.20	0.0170	0.5412	43	0.20	0.0885	0.8616	43	2.40	0.0182	0.9689
44	0.30	0.0197	0.5608	44	0.30	0.0597	0.9214	44	2.60	0.0134	0.9823
45	0.40	0.0205	0.5814	45	0.40	0.0358	0.9572	45	2.80	0.0090	0.9912
46	0.50	0.0196	0.6010	46	0.50	0.0208	0.9780	46	3.00	0.0046	0.9958
47	0.60	0.0172	0.6181	47	0.60	0.0103	0.9884	47	3.20	0.0026	0.9984
48	0.70	0.0184	0.6365	48	0.70	0.0059	0.9942	48	3.40	0.0011	0.9994
49	0.80	0.0195	0.6560	49	0.80	0.0029	0.9971	49	3.60	0.0003	0.9998
50	0.90	0.0211	0.6771	50	0.90	0.0012	0.9983	50	3.80	0.0002	1.0000
51	1.00	0.0221	0.6991	51	1.00	0.0009	0.9992	51	4.00	0.	1.0000
52	1.10	0.0214	0.7205	52	1.10	0.0005	0.9997	52	4.20	0.	1.0000
53	1.20	0.0215	0.7420	53	1.20	0.0001	0.9998	53	4.40	0.	1.0000
54	1.30	0.0216	0.7637	54	1.30	0.0001	0.9998	54	4.60	0.	1.0000
55	1.40	0.0205	0.7842	55	1.40	0.0001	0.9999	55	4.80	0.	1.0000
56	1.50	0.0229	0.8072	56	1.50	0.0001	1.0000	56	5.00	0.	1.0000
57	1.60	0.0211	0.8282	57	1.60	0.	1.0000	57	5.20	0.	1.0000
58	1.70	0.0208	0.8490	58	1.70	0.	1.0000	58	5.40	0.	1.0000
59	1.80	0.0188	0.8678	59	1.80	0.	1.0000	59	5.60	0.	1.0000
60	1.90	0.0194	0.8871	60	1.90	0.	1.0000	60	5.80	0.	1.0000
61	2.00	0.0192	0.9063	61	2.00	0.	1.0000	61	6.00	0.	1.0000
62	2.10	0.0186	0.9249	62	2.10	0.	1.0000				
63	2.20	0.0157	0.9406	63	2.20	0.	1.0000				
64	2.30	0.0137	0.9543	64	2.30	0.	1.0000				
65	2.40	0.0103	0.9646	65	2.40	0.	1.0000				
66	2.50	0.0090	0.9736	66	2.50	0.	1.0000				
67	2.60	0.0074	0.9810	67	2.60	0.	1.0000				
68	2.70	0.0053	0.9863	68	2.70	0.	1.0000				
69	2.80	0.0046	0.9909	69	2.80	0.	1.0000				
70	2.90	0.0035	0.9944	70	2.90	0.	1.0000				
71	3.00	0.0027	0.9972	71	3.00	0.	1.0000				
72	3.10	0.0017	0.9988	72	3.10	0.	1.0000				
73	3.20	0.0009	0.9997	73	3.20	0.	1.0000				
74	3.30	0.0002	0.9999	74	3.30	0.	1.0000				
75	3.40	0.0001	1.0000	75	3.40	0.	1.0000				
76	3.50	0.	1.0000	76	3.50	0.	1.0000				
77	3.60	0.	1.0000	77	3.60	0.	1.0000				
78	3.70	0.	1.0000	78	3.70	0.	1.0000				
79	3.80	0.	1.0000	79	3.80	0.	1.0000				
80	3.90	0.	1.0000	80	3.90	0.	1.0000				
81	4.00	0.	1.0000	81	4.00	0.	1.0000				

I - INTERVAL NUMBER X - INTERVAL CENTER VALUE

P(X) - PROBABILITY MASS FUNCTION F(X) - CUMULATIVE DISTRIBUTION FUNCTION

NEWPORT R.I.

STATISTICS FOR OCTOBER

ASTRONOMICAL TIDE				STORM SURGE				TOTAL WATER LEVEL			
MEAN 0.09		STND DEV 1.34		MEAN 0.07		STND DEV 0.40		MEAN 0.18		STND DEV 1.36	
I	X	P(X)	F(X)	I	X	P(X)	F(X)	I	X	P(X)	F(X)
1	-4.00	0.	0.	1	-4.00	0.	0.	1	-6.00	0.	0.
2	-3.90	0.	0.	2	-3.90	0.	0.	2	-5.80	0.	0.
3	-3.80	0.	0.	3	-3.80	0.	0.	3	-5.60	0.	0.
4	-3.70	0.	0.	4	-3.70	0.	0.	4	-5.40	0.	0.
5	-3.60	0.	0.	5	-3.60	0.	0.	5	-5.20	0.	0.
6	-3.50	0.	0.	6	-3.50	0.	0.	6	-5.00	0.	0.
7	-3.40	0.	0.	7	-3.40	0.	0.	7	-4.80	0.	0.
8	-3.30	0.	0.	8	-3.30	0.	0.	8	-4.60	0.	0.
9	-3.20	0.	0.	9	-3.20	0.	0.	9	-4.40	0.	0.
10	-3.10	0.	0.	10	-3.10	0.	0.	10	-4.20	0.	0.
11	-3.00	0.	0.	11	-3.00	0.	0.	11	-4.00	0.	0.
12	-2.90	0.	0.	12	-2.90	0.	0.	12	-3.80	0.	0.
13	-2.80	0.	0.	13	-2.80	0.	0.	13	-3.60	0.	0.
14	-2.70	0.	0.	14	-2.70	0.	0.	14	-3.40	0.	0.
15	-2.60	0.0011	0.0011	15	-2.60	0.	0.	15	-3.20	0.0002	0.0002
16	-2.50	0.0030	0.0041	16	-2.50	0.	0.	16	-3.00	0.0004	0.0006
17	-2.40	0.0043	0.0084	17	-2.40	0.	0.	17	-2.80	0.0010	0.0016
18	-2.30	0.0056	0.0140	18	-2.30	0.	0.	18	-2.60	0.0025	0.0041
19	-2.20	0.0074	0.0214	19	-2.20	0.	0.	19	-2.40	0.0060	0.0101
20	-2.10	0.0079	0.0293	20	-2.10	0.	0.	20	-2.20	0.0125	0.0226
21	-2.00	0.0108	0.0400	21	-2.00	0.	0.	21	-2.00	0.0183	0.0409
22	-1.90	0.0117	0.0517	22	-1.90	0.	0.	22	-1.80	0.0270	0.0679
23	-1.80	0.0155	0.0672	23	-1.80	0.	0.	23	-1.60	0.0366	0.1045
24	-1.70	0.0202	0.0874	24	-1.70	0.0001	0.0001	24	-1.40	0.0445	0.1490
25	-1.60	0.0216	0.1090	25	-1.60	0.	0.0001	25	-1.20	0.0552	0.2042
26	-1.50	0.0246	0.1336	26	-1.50	0.0002	0.0002	26	-1.00	0.0571	0.2614
27	-1.40	0.0243	0.1578	27	-1.40	0.0002	0.0004	27	-0.80	0.0576	0.3190
28	-1.30	0.0326	0.1904	28	-1.30	0.0008	0.0013	28	-0.60	0.0550	0.3740
29	-1.20	0.0294	0.2198	29	-1.20	0.0012	0.0024	29	-0.40	0.0500	0.4239
30	-1.10	0.0274	0.2472	30	-1.10	0.0015	0.0040	30	-0.20	0.0450	0.4689
31	-1.00	0.0294	0.2765	31	-1.00	0.0017	0.0057	31	0.	0.0400	0.5089
32	-0.90	0.0308	0.3073	32	-0.90	0.0032	0.0089	32	0.20	0.0413	0.5502
33	-0.80	0.0295	0.3368	33	-0.80	0.0059	0.0147	33	0.40	0.0376	0.5877
34	-0.70	0.0282	0.3650	34	-0.70	0.0101	0.0248	34	0.60	0.0412	0.6290
35	-0.60	0.0263	0.3912	35	-0.60	0.0172	0.0420	35	0.80	0.0398	0.6688
36	-0.50	0.0232	0.4144	36	-0.50	0.0342	0.0761	36	1.00	0.0437	0.7124
37	-0.40	0.0212	0.4356	37	-0.40	0.0488	0.1249	37	1.20	0.0456	0.7581
38	-0.30	0.0207	0.4563	38	-0.30	0.0769	0.2018	38	1.40	0.0429	0.8010
39	-0.20	0.0207	0.4770	39	-0.20	0.0916	0.2934	39	1.60	0.0414	0.8424
40	-0.10	0.0212	0.4982	40	-0.10	0.1058	0.3991	40	1.80	0.0356	0.8779
41	0.	0.0195	0.5178	41	0.	0.1098	0.5090	41	2.00	0.0321	0.9100
42	0.10	0.0186	0.5365	42	0.10	0.1040	0.6130	42	2.20	0.0258	0.9357
43	0.20	0.0188	0.5553	43	0.20	0.0898	0.7028	43	2.40	0.0181	0.9538
44	0.30	0.0192	0.5745	44	0.30	0.0622	0.7649	44	2.60	0.0153	0.9690
45	0.40	0.0188	0.5933	45	0.40	0.0619	0.8268	45	2.80	0.0110	0.9800
46	0.50	0.0173	0.6106	46	0.50	0.0459	0.8728	46	3.00	0.0083	0.9883
47	0.60	0.0189	0.6295	47	0.60	0.0349	0.9077	47	3.20	0.0052	0.9935
48	0.70	0.0206	0.6501	48	0.70	0.0234	0.9311	48	3.40	0.0028	0.9963
49	0.80	0.0217	0.6718	49	0.80	0.0169	0.9479	49	3.60	0.0020	0.9983
50	0.90	0.0194	0.6912	50	0.90	0.0097	0.9776	50	3.80	0.0010	0.9993
51	1.00	0.0205	0.7117	51	1.00	0.0057	0.9833	51	4.00	0.0005	0.9998
52	1.10	0.0224	0.7342	52	1.10	0.0042	0.9875	52	4.20	0.0002	1.0000
53	1.20	0.0234	0.7576	53	1.20	0.0029	0.9904	53	4.40	0.	1.0000
54	1.30	0.0223	0.7799	54	1.30	0.0024	0.9927	54	4.60	0.	1.0000
55	1.40	0.0224	0.8023	55	1.40	0.0016	0.9944	55	4.80	0.	1.0000
56	1.50	0.0207	0.8230	56	1.50	0.0018	0.9961	56	5.00	0.	1.0000
57	1.60	0.0224	0.8454	57	1.60	0.0015	0.9976	57	5.20	0.	1.0000
58	1.70	0.0203	0.8657	58	1.70	0.0006	0.9982	58	5.40	0.	1.0000
59	1.80	0.0191	0.8848	59	1.80	0.0008	0.9990	59	5.60	0.	1.0000
60	1.90	0.0187	0.9035	60	1.90	0.0010	0.9999	60	5.80	0.	1.0000
61	2.00	0.0156	0.9191	61	2.00	0.0001	1.0000	61	6.00	0.	1.0000
62	2.10	0.0146	0.9337	62	2.10	0.	1.0000				
63	2.20	0.0132	0.9469	63	2.20	0.	1.0000				
64	2.30	0.0121	0.9590	64	2.30	0.	1.0000				
65	2.40	0.0093	0.9683	65	2.40	0.	1.0000				
66	2.50	0.0076	0.9759	66	2.50	0.	1.0000				
67	2.60	0.0063	0.9822	67	2.60	0.	1.0000				
68	2.70	0.0047	0.9868	68	2.70	0.	1.0000				
69	2.80	0.0038	0.9907	69	2.80	0.	1.0000				
70	2.90	0.0028	0.9935	70	2.90	0.	1.0000				
71	3.00	0.0021	0.9956	71	3.00	0.	1.0000				
72	3.10	0.0019	0.9975	72	3.10	0.	1.0000				
73	3.20	0.0013	0.9988	73	3.20	0.	1.0000				
74	3.30	0.0011	0.9999	74	3.30	0.	1.0000				
75	3.40	0.0001	1.0000	75	3.40	0.	1.0000				
76	3.50	0.	1.0000	76	3.50	0.	1.0000				
77	3.60	0.	1.0000	77	3.60	0.	1.0000				
78	3.70	0.	1.0000	78	3.70	0.	1.0000				
79	3.80	0.	1.0000	79	3.80	0.	1.0000				
80	3.90	0.	1.0000	80	3.90	0.	1.0000				
81	4.00	0.	1.0000	81	4.00	0.	1.0000				

I - INTERVAL NUMBER X - INTERVAL CENTER VALUE

P(X) - PROBABILITY MASS FUNCTION F(X) - CUMULATIVE DISTRIBUTION FUNCTION

NEWPORT R.I.

STATISTICS FOR NOVEMBER

ASTRONOMICAL TIDE				STORM SURGE				TOTAL WATER LEVEL			
MEAN-0.01		STND DEV 1.33		MEAN 0.12		STND DEV 0.50		MEAN 0.14		STND DEV 1.39	
I	X	P(X)	F(X)	I	X	P(X)	F(X)	I	X	P(X)	F(X)
1	-4.00	0.	0.	1	-4.00	0.	0.	1	-6.00	0.	0.
2	-3.90	0.	0.	2	-3.90	0.	0.	2	-5.80	0.	0.
3	-3.80	0.	0.	3	-3.80	0.	0.	3	-5.60	0.	0.
4	-3.70	0.	0.	4	-3.70	0.	0.	4	-5.40	0.	0.
5	-3.60	0.	0.	5	-3.60	0.	0.	5	-5.20	0.	0.
6	-3.50	0.	0.	6	-3.50	0.	0.	6	-5.00	0.	0.
7	-3.40	0.	0.	7	-3.40	0.	0.	7	-4.80	0.	0.
8	-3.30	0.	0.	8	-3.30	0.	0.	8	-4.60	0.	0.
9	-3.20	0.	0.	9	-3.20	0.	0.	9	-4.40	0.	0.
10	-3.10	0.	0.	10	-3.10	0.	0.	10	-4.20	0.	0.
11	-3.00	0.	0.	11	-3.00	0.	0.	11	-4.00	0.0001	0.0001
12	-2.90	0.	0.	12	-2.90	0.	0.	12	-3.80	0.0002	0.0002
13	-2.80	0.	0.	13	-2.80	0.	0.	13	-3.60	0.0003	0.0005
14	-2.70	0.0002	0.0002	14	-2.70	0.	0.	14	-3.40	0.0004	0.0009
15	-2.60	0.0018	0.0020	15	-2.60	0.0002	0.0002	15	-3.20	0.0006	0.0015
16	-2.50	0.0031	0.0051	16	-2.50	0.	0.0002	16	-3.00	0.0016	0.0031
17	-2.40	0.0053	0.0104	17	-2.40	0.0001	0.0002	17	-2.80	0.0024	0.0055
18	-2.30	0.0058	0.0162	18	-2.30	0.0002	0.0004	18	-2.60	0.0041	0.0096
19	-2.20	0.0081	0.0243	19	-2.20	0.0002	0.0006	19	-2.40	0.0080	0.0176
20	-2.10	0.0100	0.0344	20	-2.10	0.0002	0.0008	20	-2.20	0.0137	0.0313
21	-2.00	0.0110	0.0454	21	-2.00	0.0001	0.0009	21	-2.00	0.0197	0.0511
22	-1.90	0.0142	0.0596	22	-1.90	0.0002	0.0010	22	-1.80	0.0313	0.0824
23	-1.80	0.0169	0.0765	23	-1.80	0.0002	0.0013	23	-1.60	0.0395	0.1219
24	-1.70	0.0249	0.1013	24	-1.70	0.0006	0.0018	24	-1.40	0.0449	0.1667
25	-1.60	0.0254	0.1268	25	-1.60	0.0007	0.0025	25	-1.20	0.0511	0.2178
26	-1.50	0.0289	0.1556	26	-1.50	0.0007	0.0032	26	-1.00	0.0529	0.2707
27	-1.40	0.0303	0.1859	27	-1.40	0.0014	0.0046	27	-0.80	0.0563	0.3270
28	-1.30	0.0316	0.2175	28	-1.30	0.0024	0.0069	28	-0.60	0.0533	0.3803
29	-1.20	0.0285	0.2460	29	-1.20	0.0031	0.0100	29	-0.40	0.0492	0.4295
30	-1.10	0.0321	0.2781	30	-1.10	0.0035	0.0134	30	-0.20	0.0423	0.4718
31	-1.00	0.0316	0.3097	31	-1.00	0.0042	0.0176	31	0.	0.0428	0.5145
32	-0.90	0.0297	0.3394	32	-0.90	0.0059	0.0235	32	0.20	0.0406	0.5551
33	-0.80	0.0260	0.3654	33	-0.80	0.0087	0.0322	33	0.40	0.0404	0.5955
34	-0.70	0.0251	0.3906	34	-0.70	0.0129	0.0451	34	0.60	0.0390	0.6345
35	-0.60	0.0245	0.4151	35	-0.60	0.0208	0.0659	35	0.80	0.0417	0.6762
36	-0.50	0.0214	0.4365	36	-0.50	0.0321	0.0980	36	1.00	0.0428	0.7190
37	-0.40	0.0211	0.4575	37	-0.40	0.0456	0.1436	37	1.20	0.0445	0.7634
38	-0.30	0.0188	0.4763	38	-0.30	0.0574	0.2010	38	1.40	0.0442	0.8077
39	-0.20	0.0207	0.4970	39	-0.20	0.0737	0.2747	39	1.60	0.0399	0.8476
40	-0.10	0.0201	0.5171	40	-0.10	0.0846	0.3593	40	1.80	0.0367	0.8842
41	0.	0.0166	0.5337	41	0.	0.0971	0.4564	41	2.00	0.0298	0.9140
42	0.10	0.0203	0.5540	42	0.10	0.0972	0.5536	42	2.20	0.0241	0.9382
43	0.20	0.0191	0.5730	43	0.20	0.0885	0.6421	43	2.40	0.0188	0.9569
44	0.30	0.0192	0.5923	44	0.30	0.0845	0.7266	44	2.60	0.0142	0.9711
45	0.40	0.0177	0.6099	45	0.40	0.0681	0.7947	45	2.80	0.0108	0.9819
46	0.50	0.0183	0.6282	46	0.50	0.0489	0.8436	46	3.00	0.0070	0.9889
47	0.60	0.0197	0.6479	47	0.60	0.0369	0.8805	47	3.20	0.0041	0.9930
48	0.70	0.0193	0.6672	48	0.70	0.0271	0.9076	48	3.40	0.0031	0.9961
49	0.80	0.0181	0.6853	49	0.80	0.0238	0.9314	49	3.60	0.0017	0.9978
50	0.90	0.0231	0.7084	50	0.90	0.0165	0.9479	50	3.80	0.0005	0.9983
51	1.00	0.0236	0.7320	51	1.00	0.0124	0.9603	51	4.00	0.0006	0.9989
52	1.10	0.0227	0.7547	52	1.10	0.0096	0.9699	52	4.20	0.0006	0.9995
53	1.20	0.0232	0.7779	53	1.20	0.0075	0.9774	53	4.40	0.0002	0.9996
54	1.30	0.0236	0.8015	54	1.30	0.0051	0.9825	54	4.60	0.0002	0.9998
55	1.40	0.0231	0.8246	55	1.40	0.0048	0.9872	55	4.80	0.	0.9998
56	1.50	0.0236	0.8482	56	1.50	0.0031	0.9903	56	5.00	0.0002	1.0000
57	1.60	0.0224	0.8705	57	1.60	0.0019	0.9922	57	5.20	0.	1.0000
58	1.70	0.0203	0.8909	58	1.70	0.0021	0.9943	58	5.40	0.	1.0000
59	1.80	0.0184	0.9092	59	1.80	0.0014	0.9957	59	5.60	0.	1.0000
60	1.90	0.0162	0.9254	60	1.90	0.0009	0.9966	60	5.80	0.	1.0000
61	2.00	0.0125	0.9379	61	2.00	0.0008	0.9974	61	6.00	0.	1.0000
62	2.10	0.0113	0.9492	62	2.10	0.0007	0.9980				
63	2.20	0.0108	0.9600	63	2.20	0.0005	0.9985				
64	2.30	0.0087	0.9687	64	2.30	0.0002	0.9987				
65	2.40	0.0071	0.9758	65	2.40	0.0003	0.9990				
66	2.50	0.0050	0.9808	66	2.50	0.0001	0.9990				
67	2.60	0.0042	0.9849	67	2.60	0.0004	0.9995				
68	2.70	0.0030	0.9879	68	2.70	0.0002	0.9996				
69	2.80	0.0038	0.9917	69	2.80	0.0001	0.9997				
70	2.90	0.0027	0.9944	70	2.90	0.0001	0.9998				
71	3.00	0.0019	0.9964	71	3.00	0.0001	0.9998				
72	3.10	0.0021	0.9985	72	3.10	0.	0.9998				
73	3.20	0.0010	0.9995	73	3.20	0.0001	0.9999				
74	3.30	0.0005	1.0000	74	3.30	0.0001	1.0000				
75	3.40	0.	1.0000	75	3.40	0.	1.0000				
76	3.50	0.	1.0000	76	3.50	0.	1.0000				
77	3.60	0.	1.0000	77	3.60	0.	1.0000				
78	3.70	0.	1.0000	78	3.70	0.	1.0000				
79	3.80	0.	1.0000	79	3.80	0.	1.0000				
80	3.90	0.	1.0000	80	3.90	0.	1.0000				
81	4.00	0.	1.0000	81	4.00	0.	1.0000				

I - INTERVAL NUMBER X - INTERVAL CENTER VALUE

P(X) - PROBABILITY MASS FUNCTION F(X) - CUMULATIVE DISTRIBUTION FUNCTION

NEWPORT R.I.

STATISTICS FOR DECEMBER

ASTRONOMICAL TIDE				STORM SURGE				TOTAL WATER LEVEL			
MEAN-0.10		STND DEV 1.32		MEAN-0.04		STND DEV 0.58		MEAN-0.12		STND DEV 1.40	
I	X	P(X)	F(X)	I	X	P(X)	F(X)	I	X	P(X)	F(X)
1	-4.00	0.	0.	1	-4.00	0.	0.	1	-6.00	0.	0.
2	-3.90	0.	0.	2	-3.90	0.	0.	2	-5.80	0.	0.
3	-3.80	0.	0.	3	-3.80	0.	0.	3	-5.60	0.	0.
4	-3.70	0.	0.	4	-3.70	0.	0.	4	-5.40	0.	0.
5	-3.60	0.	0.	5	-3.60	0.	0.	5	-5.20	0.	0.
6	-3.50	0.	0.	6	-3.50	0.	0.	6	-5.00	0.	0.
7	-3.40	0.	0.	7	-3.40	0.	0.	7	-4.80	0.	0.
8	-3.30	0.	0.	8	-3.30	0.	0.	8	-4.60	0.	0.
9	-3.20	0.	0.	9	-3.20	0.	0.	9	-4.40	0.	0.
10	-3.10	0.	0.	10	-3.10	0.	0.	10	-4.20	0.	0.
11	-3.00	0.	0.	11	-3.00	0.	0.	11	-4.00	0.0001	0.0001
12	-2.90	0.	0.	12	-2.90	0.	0.	12	-3.80	0.0009	0.0010
13	-2.80	0.0001	0.0001	13	-2.80	0.	0.	13	-3.60	0.0003	0.0014
14	-2.70	0.0006	0.0007	14	-2.70	0.	0.	14	-3.40	0.0009	0.0022
15	-2.60	0.0022	0.0029	15	-2.60	0.	0.	15	-3.20	0.0018	0.0040
16	-2.50	0.0040	0.0069	16	-2.50	0.	0.	16	-3.00	0.0028	0.0067
17	-2.40	0.0052	0.0121	17	-2.40	0.0001	0.0001	17	-2.80	0.0050	0.0118
18	-2.30	0.0066	0.0187	18	-2.30	0.0001	0.0002	18	-2.60	0.0115	0.0233
19	-2.20	0.0091	0.0278	19	-2.20	0.0001	0.0003	19	-2.40	0.0179	0.0412
20	-2.10	0.0114	0.0392	20	-2.10	0.0003	0.0006	20	-2.20	0.0254	0.0666
21	-2.00	0.0137	0.0529	21	-2.00	0.0008	0.0014	21	-2.00	0.0315	0.0980
22	-1.90	0.0171	0.0700	22	-1.90	0.0007	0.0021	22	-1.80	0.0378	0.1359
23	-1.80	0.0209	0.0909	23	-1.80	0.0016	0.0037	23	-1.60	0.0469	0.1828
24	-1.70	0.0295	0.1204	24	-1.70	0.0013	0.0050	24	-1.40	0.0537	0.2364
25	-1.60	0.0310	0.1514	25	-1.60	0.0028	0.0077	25	-1.20	0.0527	0.2891
26	-1.50	0.0331	0.1845	26	-1.50	0.0034	0.0111	26	-1.00	0.0510	0.3401
27	-1.40	0.0329	0.2174	27	-1.40	0.0043	0.0155	27	-0.80	0.0483	0.3884
28	-1.30	0.0320	0.2494	28	-1.30	0.0043	0.0197	28	-0.60	0.0464	0.4348
29	-1.20	0.0292	0.2786	29	-1.20	0.0077	0.0275	29	-0.40	0.0461	0.4809
30	-1.10	0.0307	0.3093	30	-1.10	0.0108	0.0383	30	-0.20	0.0407	0.5217
31	-1.00	0.0298	0.3391	31	-1.00	0.0151	0.0533	31	0.	0.0425	0.5641
32	-0.90	0.0266	0.3657	32	-0.90	0.0194	0.0727	32	0.20	0.0411	0.6052
33	-0.80	0.0245	0.3901	33	-0.80	0.0246	0.0973	33	0.40	0.0410	0.6462
34	-0.70	0.0246	0.4148	34	-0.70	0.0302	0.1274	34	0.60	0.0426	0.6887
35	-0.60	0.0220	0.4368	35	-0.60	0.0411	0.1685	35	0.80	0.0400	0.7288
36	-0.50	0.0181	0.4549	36	-0.50	0.0502	0.2187	36	1.00	0.0438	0.7726
37	-0.40	0.0209	0.4758	37	-0.40	0.0599	0.2786	37	1.20	0.0452	0.8178
38	-0.30	0.0192	0.4950	38	-0.30	0.0701	0.3487	38	1.40	0.0374	0.8552
39	-0.20	0.0201	0.5151	39	-0.20	0.0821	0.4309	39	1.60	0.0335	0.8887
40	-0.10	0.0192	0.5343	40	-0.10	0.0794	0.5102	40	1.80	0.0295	0.9182
41	0.	0.0185	0.5528	41	0.	0.0774	0.5876	41	2.00	0.0237	0.9419
42	0.10	0.0176	0.5704	42	0.10	0.0764	0.6640	42	2.20	0.0175	0.9594
43	0.20	0.0178	0.5881	43	0.20	0.0612	0.7252	43	2.40	0.0131	0.9725
44	0.30	0.0192	0.6073	44	0.30	0.0535	0.7788	44	2.60	0.0092	0.9816
45	0.40	0.0199	0.6272	45	0.40	0.0436	0.8223	45	2.80	0.0063	0.9879
46	0.50	0.0187	0.6459	46	0.50	0.0390	0.8613	46	3.00	0.0050	0.9930
47	0.60	0.0187	0.6645	47	0.60	0.0302	0.8915	47	3.20	0.0027	0.9957
48	0.70	0.0185	0.6830	48	0.70	0.0241	0.9156	48	3.40	0.0015	0.9972
49	0.80	0.0194	0.7024	49	0.80	0.0196	0.9352	49	3.60	0.0012	0.9984
50	0.90	0.0240	0.7264	50	0.90	0.0151	0.9502	50	3.80	0.0009	0.9992
51	1.00	0.0231	0.7495	51	1.00	0.0117	0.9620	51	4.00	0.0006	0.9998
52	1.10	0.0257	0.7752	52	1.10	0.0094	0.9714	52	4.20	0.0001	0.9999
53	1.20	0.0241	0.7993	53	1.20	0.0078	0.9792	53	4.40	0.0001	0.9999
54	1.30	0.0270	0.8263	54	1.30	0.0055	0.9847	54	4.60	0.0001	1.0000
55	1.40	0.0228	0.8490	55	1.40	0.0039	0.9886	55	4.80	0.	1.0000
56	1.50	0.0208	0.8698	56	1.50	0.0031	0.9917	56	5.00	0.	1.0000
57	1.60	0.0206	0.8904	57	1.60	0.0025	0.9942	57	5.20	0.	1.0000
58	1.70	0.0178	0.9082	58	1.70	0.0013	0.9955	58	5.40	0.	1.0000
59	1.80	0.0163	0.9245	59	1.80	0.0012	0.9967	59	5.60	0.	1.0000
60	1.90	0.0145	0.9390	60	1.90	0.0011	0.9979	60	5.80	0.	1.0000
61	2.00	0.0110	0.9501	61	2.00	0.0008	0.9986	61	6.00	0.	1.0000
62	2.10	0.0119	0.9619	62	2.10	0.0005	0.9992				
63	2.20	0.0081	0.9700	63	2.20	0.0001	0.9992				
64	2.30	0.0069	0.9769	64	2.30	0.0004	0.9997				
65	2.40	0.0050	0.9820	65	2.40	0.0001	0.9997				
66	2.50	0.0042	0.9862	66	2.50	0.0001	0.9998				
67	2.60	0.0038	0.9900	67	2.60	0.	0.9998				
68	2.70	0.0032	0.9931	68	2.70	0.0001	0.9999				
69	2.80	0.0023	0.9954	69	2.80	0.	0.9999				
70	2.90	0.0021	0.9975	70	2.90	0.	0.9999				
71	3.00	0.0014	0.9989	71	3.00	0.0001	1.0000				
72	3.10	0.0009	0.9997	72	3.10	0.	1.0000				
73	3.20	0.0002	0.9999	73	3.20	0.	1.0000				
74	3.30	0.0001	1.0000	74	3.30	0.	1.0000				
75	3.40	0.	1.0000	75	3.40	0.	1.0000				
76	3.50	0.	1.0000	76	3.50	0.	1.0000				
77	3.60	0.	1.0000	77	3.60	0.	1.0000				
78	3.70	0.	1.0000	78	3.70	0.	1.0000				
79	3.80	0.	1.0000	79	3.80	0.	1.0000				
80	3.90	0.	1.0000	80	3.90	0.	1.0000				
81	4.00	0.	1.0000	81	4.00	0.	1.0000				

I - INTERVAL NUMBER X - INTERVAL CENTER VALUE

P(X) - PROBABILITY MASS FUNCTION F(X) - CUMULATIVE DISTRIBUTION FUNCTION

NEW LONDON CONN.

YEARLY STATISTICS

ASTRONOMICAL TIDE				STORM SURGE				TOTAL WATER LEVEL			
MEAN 0.00		STND DEV 0.93		MEAN-0.00		STND DEV 0.46		MEAN-0.01		STND DEV 1.02	
I	X	P(X)	F(X)	I	X	P(X)	F(X)	I	X	P(X)	F(X)
1	-4.00	0.	0.	1	-4.00	0.	0.	1	-5.00	0.	0.
2	-3.90	0.	0.	2	-3.90	0.	0.	2	-4.80	0.	0.
3	-3.80	0.	0.	3	-3.80	0.	0.	3	-4.60	0.0000	0.0000
4	-3.70	0.	0.	4	-3.70	0.	0.	4	-4.40	0.0000	0.0000
5	-3.60	0.	0.	5	-3.60	0.	0.	5	-4.20	0.0000	0.0000
6	-3.50	0.	0.	6	-3.50	0.	0.	6	-4.00	0.0000	0.0001
7	-3.40	0.	0.	7	-3.40	0.	0.	7	-3.80	0.0001	0.0001
8	-3.30	0.	0.	8	-3.30	0.	0.	8	-3.60	0.0001	0.0002
9	-3.20	0.	0.	9	-3.20	0.	0.	9	-3.40	0.0002	0.0004
10	-3.10	0.	0.	10	-3.10	0.	0.	10	-3.20	0.0005	0.0009
11	-3.00	0.	0.	11	-3.00	0.0000	0.0000	11	-3.00	0.0007	0.0016
12	-2.90	0.	0.	12	-2.90	0.	0.0000	12	-2.80	0.0013	0.0029
13	-2.80	0.	0.	13	-2.80	0.0000	0.0001	13	-2.60	0.0019	0.0048
14	-2.70	0.	0.	14	-2.70	0.	0.0001	14	-2.40	0.0036	0.0084
15	-2.60	0.	0.	15	-2.60	0.0000	0.0001	15	-2.20	0.0064	0.0149
16	-2.50	0.	0.	16	-2.50	0.0001	0.0001	16	-2.00	0.0110	0.0258
17	-2.40	0.	0.	17	-2.40	0.0001	0.0002	17	-1.80	0.0173	0.0431
18	-2.30	0.0000	0.0000	18	-2.30	0.0002	0.0003	18	-1.60	0.0257	0.0687
19	-2.20	0.0003	0.0003	19	-2.20	0.0002	0.0005	19	-1.40	0.0359	0.1046
20	-2.10	0.0011	0.0014	20	-2.10	0.0003	0.0008	20	-1.20	0.0493	0.1540
21	-2.00	0.0020	0.0034	21	-2.00	0.0003	0.0012	21	-1.00	0.0564	0.2104
22	-1.90	0.0035	0.0069	22	-1.90	0.0006	0.0018	22	-0.80	0.0622	0.2726
23	-1.80	0.0050	0.0119	23	-1.80	0.0008	0.0025	23	-0.60	0.0629	0.3355
24	-1.70	0.0083	0.0202	24	-1.70	0.0009	0.0034	24	-0.40	0.0645	0.4000
25	-1.60	0.0118	0.0320	25	-1.60	0.0012	0.0047	25	-0.20	0.0632	0.4632
26	-1.50	0.0161	0.0481	26	-1.50	0.0015	0.0061	26	0.	0.0642	0.5274
27	-1.40	0.0217	0.0698	27	-1.40	0.0022	0.0083	27	0.20	0.0665	0.5940
28	-1.30	0.0261	0.0959	28	-1.30	0.0026	0.0109	28	0.40	0.0677	0.6616
29	-1.20	0.0318	0.1277	29	-1.20	0.0032	0.0141	29	0.60	0.0688	0.7304
30	-1.10	0.0343	0.1620	30	-1.10	0.0042	0.0183	30	0.80	0.0651	0.7955
31	-1.00	0.0347	0.1967	31	-1.00	0.0061	0.0244	31	1.00	0.0570	0.8525
32	-0.90	0.0354	0.2321	32	-0.90	0.0083	0.0327	32	1.20	0.0475	0.9000
33	-0.80	0.0339	0.2660	33	-0.80	0.0108	0.0434	33	1.40	0.0375	0.9374
34	-0.70	0.0324	0.2983	34	-0.70	0.0154	0.0588	34	1.60	0.0260	0.9635
35	-0.60	0.0315	0.3298	35	-0.60	0.0225	0.0813	35	1.80	0.0161	0.9796
36	-0.50	0.0300	0.3598	36	-0.50	0.0341	0.1153	36	2.00	0.0098	0.9893
37	-0.40	0.0289	0.3887	37	-0.40	0.0504	0.1657	37	2.20	0.0050	0.9943
38	-0.30	0.0296	0.4183	38	-0.30	0.0725	0.2382	38	2.40	0.0028	0.9971
39	-0.20	0.0292	0.4474	39	-0.20	0.0967	0.3348	39	2.60	0.0012	0.9983
40	-0.10	0.0298	0.4772	40	-0.10	0.1168	0.4517	40	2.80	0.0007	0.9990
41	0.	0.0297	0.5069	41	0.	0.1196	0.5713	41	3.00	0.0004	0.9994
42	0.10	0.0297	0.5366	42	0.10	0.1115	0.6828	42	3.20	0.0002	0.9997
43	0.20	0.0314	0.5680	43	0.20	0.0885	0.7713	43	3.40	0.0001	0.9998
44	0.30	0.0330	0.6010	44	0.30	0.0645	0.8358	44	3.60	0.0001	0.9998
45	0.40	0.0336	0.6346	45	0.40	0.0457	0.8815	45	3.80	0.0001	0.9999
46	0.50	0.0342	0.6688	46	0.50	0.0316	0.9131	46	4.00	0.0000	0.9999
47	0.60	0.0372	0.7060	47	0.60	0.0224	0.9355	47	4.20	0.0000	0.9999
48	0.70	0.0373	0.7433	48	0.70	0.0171	0.9526	48	4.40	0.0000	1.0000
49	0.80	0.0383	0.7816	49	0.80	0.0121	0.9647	49	4.60	0.0000	1.0000
50	0.90	0.0356	0.8172	50	0.90	0.0088	0.9736	50	4.80	0.0000	1.0000
51	1.00	0.0339	0.8511	51	1.00	0.0067	0.9803	51	5.00	0.	1.0000
52	1.10	0.0297	0.8808	52	1.10	0.0047	0.9849	52	5.20	0.	1.0000
53	1.20	0.0258	0.9066	53	1.20	0.0033	0.9882	53	5.40	0.	1.0000
54	1.30	0.0225	0.9291	54	1.30	0.0030	0.9912	54	5.60	0.	1.0000
55	1.40	0.0190	0.9480	55	1.40	0.0018	0.9930	55	5.80	0.	1.0000
56	1.50	0.0148	0.9628	56	1.50	0.0015	0.9945	56	6.00	0.	1.0000
57	1.60	0.0119	0.9747	57	1.60	0.0014	0.9959	57	6.20	0.	1.0000
58	1.70	0.0082	0.9828	58	1.70	0.0009	0.9968	58	6.40	0.	1.0000
59	1.80	0.0061	0.9889	59	1.80	0.0009	0.9977	59	6.60	0.	1.0000
60	1.90	0.0041	0.9930	60	1.90	0.0006	0.9983	60	6.80	0.	1.0000
61	2.00	0.0031	0.9961	61	2.00	0.0004	0.9987	61	7.00	0.	1.0000
62	2.10	0.0021	0.9982	62	2.10	0.0003	0.9990				
63	2.20	0.0011	0.9993	63	2.20	0.0002	0.9993				
64	2.30	0.0006	0.9999	64	2.30	0.0002	0.9995				
65	2.40	0.0001	1.0000	65	2.40	0.0001	0.9996				
66	2.50	0.	1.0000	66	2.50	0.0001	0.9996				
67	2.60	0.	1.0000	67	2.60	0.0001	0.9997				
68	2.70	0.	1.0000	68	2.70	0.0001	0.9998				
69	2.80	0.	1.0000	69	2.80	0.0000	0.9998				
70	2.90	0.	1.0000	70	2.90	0.0000	0.9998				
71	3.00	0.	1.0000	71	3.00	0.0000	0.9999				
72	3.10	0.	1.0000	72	3.10	0.0000	0.9999				
73	3.20	0.	1.0000	73	3.20	0.0000	0.9999				
74	3.30	0.	1.0000	74	3.30	0.0000	0.9999				
75	3.40	0.	1.0000	75	3.40	0.0000	1.0000				
76	3.50	0.	1.0000	76	3.50	0.	1.0000				
77	3.60	0.	1.0000	77	3.60	0.	1.0000				
78	3.70	0.	1.0000	78	3.70	0.	1.0000				
79	3.80	0.	1.0000	79	3.80	0.	1.0000				
80	3.90	0.	1.0000	80	3.90	0.0000	1.0000				
81	4.00	0.	1.0000	81	4.00	0.	1.0000				

I - INTERVAL NUMBER X - INTERVAL CENTER VALUE

P(X) - PROBABILITY MASS FUNCTION F(X) - CUMULATIVE DISTRIBUTION FUNCTION

NEW LONDON CONN.

STATISTICS FOR JANUARY

ASTRONOMICAL TIDE				STORM SURGE				TOTAL WATER LEVEL			
MEAN-0.23 STND DEV 0.92				MEAN 0.03 STND DEV 0.62				MEAN-0.21 STND DEV 1.09			
I	X	P(X)	F(X)	I	X	P(X)	F(X)	I	X	P(X)	F(X)
1	-4.00	0.	0.	1	-4.00	0.	0.	1	-5.00	0.	0.
2	-3.90	0.	0.	2	-3.90	0.	0.	2	-4.80	0.	0.
3	-3.80	0.	0.	3	-3.80	0.	0.	3	-4.60	0.	0.
4	-3.70	0.	0.	4	-3.70	0.	0.	4	-4.40	0.	0.
5	-3.60	0.	0.	5	-3.60	0.	0.	5	-4.20	0.	0.
6	-3.50	0.	0.	6	-3.50	0.	0.	6	-4.00	0.	0.
7	-3.40	0.	0.	7	-3.40	0.	0.	7	-3.80	0.	0.
8	-3.30	0.	0.	8	-3.30	0.	0.	8	-3.60	0.0005	0.0005
9	-3.20	0.	0.	9	-3.20	0.	0.	9	-3.40	0.0005	0.0010
10	-3.10	0.	0.	10	-3.10	0.	0.	10	-3.20	0.0013	0.0023
11	-3.00	0.	0.	11	-3.00	0.	0.	11	-3.00	0.0022	0.0046
12	-2.90	0.	0.	12	-2.90	0.	0.	12	-2.80	0.0055	0.0100
13	-2.80	0.	0.	13	-2.80	0.	0.	13	-2.60	0.0060	0.0160
14	-2.70	0.	0.	14	-2.70	0.	0.	14	-2.40	0.0105	0.0265
15	-2.60	0.	0.	15	-2.60	0.0002	0.0002	15	-2.20	0.0155	0.0420
16	-2.50	0.	0.	16	-2.50	0.	0.0002	16	-2.00	0.0209	0.0629
17	-2.40	0.	0.	17	-2.40	0.0001	0.0003	17	-1.80	0.0260	0.0889
18	-2.30	0.0003	0.0003	18	-2.30	0.0003	0.0005	18	-1.60	0.0341	0.1229
19	-2.20	0.0015	0.0018	19	-2.20	0.0005	0.0010	19	-1.40	0.0435	0.1664
20	-2.10	0.0030	0.0048	20	-2.10	0.0005	0.0014	20	-1.20	0.0522	0.2186
21	-2.00	0.0044	0.0091	21	-2.00	0.0003	0.0017	21	-1.00	0.0570	0.2756
22	-1.90	0.0078	0.0169	22	-1.90	0.0005	0.0021	22	-0.80	0.0597	0.3353
23	-1.80	0.0108	0.0277	23	-1.80	0.0011	0.0032	23	-0.60	0.0649	0.4002
24	-1.70	0.0170	0.0447	24	-1.70	0.0018	0.0050	24	-0.40	0.0666	0.4668
25	-1.60	0.0241	0.0688	25	-1.60	0.0026	0.0076	25	-0.20	0.0646	0.5314
26	-1.50	0.0289	0.0977	26	-1.50	0.0033	0.0109	26	0.	0.0634	0.5947
27	-1.40	0.0339	0.1315	27	-1.40	0.0055	0.0164	27	0.20	0.0665	0.6612
28	-1.30	0.0377	0.1693	28	-1.30	0.0091	0.0255	28	0.40	0.0634	0.7246
29	-1.20	0.0410	0.2103	29	-1.20	0.0068	0.0324	29	0.60	0.0573	0.7818
30	-1.10	0.0379	0.2482	30	-1.10	0.0113	0.0436	30	0.80	0.0548	0.8367
31	-1.00	0.0330	0.2812	31	-1.00	0.0158	0.0594	31	1.00	0.0444	0.8811
32	-0.90	0.0294	0.3106	32	-0.90	0.0200	0.0794	32	1.20	0.0366	0.9176
33	-0.80	0.0320	0.3426	33	-0.80	0.0243	0.1037	33	1.40	0.0291	0.9468
34	-0.70	0.0295	0.3720	34	-0.70	0.0272	0.1308	34	1.60	0.0210	0.9677
35	-0.60	0.0283	0.4004	35	-0.60	0.0341	0.1650	35	1.80	0.0137	0.9814
36	-0.50	0.0269	0.4272	36	-0.50	0.0411	0.2061	36	2.00	0.0074	0.9888
37	-0.40	0.0299	0.4572	37	-0.40	0.0488	0.2548	37	2.20	0.0052	0.9940
38	-0.30	0.0312	0.4884	38	-0.30	0.0525	0.3074	38	2.40	0.0031	0.9970
39	-0.20	0.0294	0.5177	39	-0.20	0.0623	0.3698	39	2.60	0.0013	0.9984
40	-0.10	0.0309	0.5487	40	-0.10	0.0694	0.4393	40	2.80	0.0010	0.9994
41	0.	0.0315	0.5802	41	0.	0.0662	0.5055	41	3.00	0.0004	0.9997
42	0.10	0.0295	0.6097	42	0.10	0.0719	0.5773	42	3.20	0.0003	1.0000
43	0.20	0.0374	0.6470	43	0.20	0.0685	0.6458	43	3.40	0.	1.0000
44	0.30	0.0373	0.6843	44	0.30	0.0666	0.7124	44	3.60	0.	1.0000
45	0.40	0.0377	0.7220	45	0.40	0.0558	0.7682	45	3.80	0.	1.0000
46	0.50	0.0359	0.7580	46	0.50	0.0508	0.8190	46	4.00	0.	1.0000
47	0.60	0.0359	0.7939	47	0.60	0.0392	0.8582	47	4.20	0.	1.0000
48	0.70	0.0332	0.8272	48	0.70	0.0349	0.8930	48	4.40	0.	1.0000
49	0.80	0.0311	0.8582	49	0.80	0.0251	0.9181	49	4.60	0.	1.0000
50	0.90	0.0287	0.8869	50	0.90	0.0205	0.9386	50	4.80	0.	1.0000
51	1.00	0.0248	0.9117	51	1.00	0.0173	0.9559	51	5.00	0.	1.0000
52	1.10	0.0220	0.9338	52	1.10	0.0138	0.9697	52	5.20	0.	1.0000
53	1.20	0.0205	0.9543	53	1.20	0.0065	0.9762	53	5.40	0.	1.0000
54	1.30	0.0166	0.9709	54	1.30	0.0065	0.9826	54	5.60	0.	1.0000
55	1.40	0.0100	0.9808	55	1.40	0.0026	0.9852	55	5.80	0.	1.0000
56	1.50	0.0066	0.9875	56	1.50	0.0032	0.9884	56	6.00	0.	1.0000
57	1.60	0.0047	0.9921	57	1.60	0.0036	0.9920	57	6.20	0.	1.0000
58	1.70	0.0031	0.9953	58	1.70	0.0024	0.9944	58	6.40	0.	1.0000
59	1.80	0.0032	0.9985	59	1.80	0.0021	0.9965	59	6.60	0.	1.0000
60	1.90	0.0008	0.9993	60	1.90	0.0012	0.9977	60	6.80	0.	1.0000
61	2.00	0.0007	1.0000	61	2.00	0.0013	0.9989	61	7.00	0.	1.0000
62	2.10	0.	1.0000	62	2.10	0.0004	0.9993				
63	2.20	0.	1.0000	63	2.20	0.0005	0.9998				
64	2.30	0.	1.0000	64	2.30	0.0002	1.0000				
65	2.40	0.	1.0000	65	2.40	0.	1.0000				
66	2.50	0.	1.0000	66	2.50	0.	1.0000				
67	2.60	0.	1.0000	67	2.60	0.	1.0000				
68	2.70	0.	1.0000	68	2.70	0.	1.0000				
69	2.80	0.	1.0000	69	2.80	0.	1.0000				
70	2.90	0.	1.0000	70	2.90	0.	1.0000				
71	3.00	0.	1.0000	71	3.00	0.	1.0000				
72	3.10	0.	1.0000	72	3.10	0.	1.0000				
73	3.20	0.	1.0000	73	3.20	0.	1.0000				
74	3.30	0.	1.0000	74	3.30	0.	1.0000				
75	3.40	0.	1.0000	75	3.40	0.	1.0000				
76	3.50	0.	1.0000	76	3.50	0.	1.0000				
77	3.60	0.	1.0000	77	3.60	0.	1.0000				
78	3.70	0.	1.0000	78	3.70	0.	1.0000				
79	3.80	0.	1.0000	79	3.80	0.	1.0000				
80	3.90	0.	1.0000	80	3.90	0.	1.0000				
81	4.00	0.	1.0000	81	4.00	0.	1.0000				

I - INTERVAL NUMBER X - INTERVAL CENTER VALUE

P(X) - PROBABILITY MASS FUNCTION F(X) - CUMULATIVE DISTRIBUTION FUNCTION

NEW LONDON CONN.

STATISTICS FOR FEBRUARY

ASTRONOMICAL TIDE				STORM SURGE				TOTAL WATER LEVEL			
MEAN-0.24		STND DEV 0.92		MEAN 0.03		STND DEV 0.63		MEAN-0.21		STND DEV 1.09	
I	X	P(X)	F(X)	I	X	P(X)	F(X)	I	X	P(X)	F(X)
1	-4.00	0.	0.	1	-4.00	0.	0.	1	-5.00	0.	0.
2	-3.90	0.	0.	2	-3.90	0.	0.	2	-4.80	0.	0.
3	-3.80	0.	0.	3	-3.80	0.	0.	3	-4.60	0.	0.
4	-3.70	0.	0.	4	-3.70	0.	0.	4	-4.40	0.	0.
5	-3.60	0.	0.	5	-3.60	0.	0.	5	-4.20	0.0001	0.0001
6	-3.50	0.	0.	6	-3.50	0.	0.	6	-4.00	0.0001	0.0002
7	-3.40	0.	0.	7	-3.40	0.	0.	7	-3.80	0.0001	0.0003
8	-3.30	0.	0.	8	-3.30	0.	0.	8	-3.60	0.0001	0.0004
9	-3.20	0.	0.	9	-3.20	0.	0.	9	-3.40	0.0003	0.0007
10	-3.10	0.	0.	10	-3.10	0.	0.	10	-3.20	0.0017	0.0023
11	-3.00	0.	0.	11	-3.00	0.	0.	11	-3.00	0.0018	0.0041
12	-2.90	0.	0.	12	-2.90	0.	0.	12	-2.80	0.0027	0.0068
13	-2.80	0.	0.	13	-2.80	0.	0.	13	-2.60	0.0053	0.0121
14	-2.70	0.	0.	14	-2.70	0.	0.	14	-2.40	0.0093	0.0214
15	-2.60	0.	0.	15	-2.60	0.0002	0.0002	15	-2.20	0.0149	0.0363
16	-2.50	0.	0.	16	-2.50	0.0002	0.0004	16	-2.00	0.0204	0.0566
17	-2.40	0.	0.	17	-2.40	0.0004	0.0008	17	-1.80	0.0308	0.0874
18	-2.30	0.0003	0.0003	18	-2.30	0.0009	0.0017	18	-1.60	0.0382	0.1257
19	-2.20	0.0014	0.0017	19	-2.20	0.0007	0.0023	19	-1.40	0.0451	0.1708
20	-2.10	0.0035	0.0052	20	-2.10	0.0013	0.0036	20	-1.20	0.0578	0.2286
21	-2.00	0.0065	0.0116	21	-2.00	0.0014	0.0050	21	-1.00	0.0595	0.2881
22	-1.90	0.0098	0.0214	22	-1.90	0.0019	0.0069	22	-0.80	0.0598	0.3479
23	-1.80	0.0113	0.0327	23	-1.80	0.0030	0.0099	23	-0.60	0.0592	0.4071
24	-1.70	0.0175	0.0502	24	-1.70	0.0024	0.0123	24	-0.40	0.0660	0.4732
25	-1.60	0.0240	0.0742	25	-1.60	0.0033	0.0156	25	-0.20	0.0613	0.5345
26	-1.50	0.0301	0.1043	26	-1.50	0.0036	0.0192	26	0.	0.0632	0.5976
27	-1.40	0.0360	0.1403	27	-1.40	0.0064	0.0256	27	0.20	0.0640	0.6616
28	-1.30	0.0346	0.1749	28	-1.30	0.0065	0.0321	28	0.40	0.0618	0.7234
29	-1.20	0.0369	0.2117	29	-1.20	0.0093	0.0417	29	0.60	0.0582	0.7816
30	-1.10	0.0384	0.2502	30	-1.10	0.0095	0.0512	30	0.80	0.0533	0.8349
31	-1.00	0.0316	0.2818	31	-1.00	0.0119	0.0631	31	1.00	0.0462	0.8812
32	-0.90	0.0324	0.3142	32	-0.90	0.0174	0.0804	32	1.20	0.0370	0.9182
33	-0.80	0.0320	0.3462	33	-0.80	0.0196	0.1001	33	1.40	0.0262	0.9443
34	-0.70	0.0270	0.3732	34	-0.70	0.0246	0.1246	34	1.60	0.0211	0.9654
35	-0.60	0.0294	0.4026	35	-0.60	0.0293	0.1540	35	1.80	0.0150	0.9804
36	-0.50	0.0295	0.4321	36	-0.50	0.0369	0.1909	36	2.00	0.0086	0.9890
37	-0.40	0.0281	0.4602	37	-0.40	0.0443	0.2352	37	2.20	0.0051	0.9941
38	-0.30	0.0310	0.4912	38	-0.30	0.0524	0.2876	38	2.40	0.0040	0.9981
39	-0.20	0.0270	0.5182	39	-0.20	0.0585	0.3460	39	2.60	0.0011	0.9993
40	-0.10	0.0323	0.5506	40	-0.10	0.0659	0.4119	40	2.80	0.0006	0.9998
41	0.	0.0331	0.5837	41	0.	0.0744	0.4863	41	3.00	0.	0.9998
42	0.10	0.0321	0.6158	42	0.10	0.0775	0.5638	42	3.20	0.0002	1.0000
43	0.20	0.0366	0.6524	43	0.20	0.0745	0.6383	43	3.40	0.	1.0000
44	0.30	0.0373	0.6897	44	0.30	0.0746	0.7128	44	3.60	0.	1.0000
45	0.40	0.0364	0.7261	45	0.40	0.0605	0.7734	45	3.80	0.	1.0000
46	0.50	0.0328	0.7589	46	0.50	0.0519	0.8252	46	4.00	0.	1.0000
47	0.60	0.0307	0.7896	47	0.60	0.0420	0.8672	47	4.20	0.	1.0000
48	0.70	0.0341	0.8237	48	0.70	0.0345	0.9016	48	4.40	0.	1.0000
49	0.80	0.0329	0.8567	49	0.80	0.0239	0.9255	49	4.60	0.	1.0000
50	0.90	0.0313	0.8879	50	0.90	0.0185	0.9440	50	4.80	0.	1.0000
51	1.00	0.0299	0.9178	51	1.00	0.0167	0.9608	51	5.00	0.	1.0000
52	1.10	0.0239	0.9417	52	1.10	0.0099	0.9707	52	5.20	0.	1.0000
53	1.20	0.0179	0.9595	53	1.20	0.0069	0.9776	53	5.40	0.	1.0000
54	1.30	0.0146	0.9741	54	1.30	0.0065	0.9840	54	5.60	0.	1.0000
55	1.40	0.0105	0.9846	55	1.40	0.0044	0.9884	55	5.80	0.	1.0000
56	1.50	0.0084	0.9930	56	1.50	0.0030	0.9914	56	6.00	0.	1.0000
57	1.60	0.0042	0.9971	57	1.60	0.0021	0.9936	57	6.20	0.	1.0000
58	1.70	0.0022	0.9994	58	1.70	0.0014	0.9950	58	6.40	0.	1.0000
59	1.80	0.0007	1.0000	59	1.80	0.0013	0.9963	59	6.60	0.	1.0000
60	1.90	0.	1.0000	60	1.90	0.0008	0.9970	60	6.80	0.	1.0000
61	2.00	0.	1.0000	61	2.00	0.0004	0.9974	61	7.00	0.	1.0000
62	2.10	0.	1.0000	62	2.10	0.0006	0.9979				
63	2.20	0.	1.0000	63	2.20	0.0002	0.9981				
64	2.30	0.	1.0000	64	2.30	0.0004	0.9985				
65	2.40	0.	1.0000	65	2.40	0.0002	0.9987				
66	2.50	0.	1.0000	66	2.50	0.0001	0.9988				
67	2.60	0.	1.0000	67	2.60	0.	0.9988				
68	2.70	0.	1.0000	68	2.70	0.0005	0.9993				
69	2.80	0.	1.0000	69	2.80	0.	0.9993				
70	2.90	0.	1.0000	70	2.90	0.0002	0.9994				
71	3.00	0.	1.0000	71	3.00	0.0002	0.9996				
72	3.10	0.	1.0000	72	3.10	0.0001	0.9997				
73	3.20	0.	1.0000	73	3.20	0.	0.9997				
74	3.30	0.	1.0000	74	3.30	0.0003	1.0000				
75	3.40	0.	1.0000	75	3.40	0.	1.0000				
76	3.50	0.	1.0000	76	3.50	0.	1.0000				
77	3.60	0.	1.0000	77	3.60	0.	1.0000				
78	3.70	0.	1.0000	78	3.70	0.	1.0000				
79	3.80	0.	1.0000	79	3.80	0.	1.0000				
80	3.90	0.	1.0000	80	3.90	0.	1.0000				
81	4.00	0.	1.0000	81	4.00	0.	1.0000				

I - INTERVAL NUMBER X - INTERVAL CENTER VALUE

P(X) - PROBABILITY MASS FUNCTION F(X) - CUMULATIVE DISTRIBUTION FUNCTION

NEW LONDON CONN.

STATISTICS FOR MARCH

ASTRONOMICAL TIDE				STORM SURGE				TOTAL WATER LEVEL			
MEAN -0.15		STND DEV 0.92		MEAN 0.02		STND DEV 0.56		MEAN -0.13		STND DEV 1.05	
I	X	P(X)	F(X)	I	X	P(X)	F(X)	I	X	P(X)	F(X)
1	-4.00	0.	0.	1	-4.00	0.	0.	1	-5.00	0.	0.
2	-3.90	0.	0.	2	-3.90	0.	0.	2	-4.80	0.	0.
3	-3.80	0.	0.	3	-3.80	0.	0.	3	-4.60	0.	0.
4	-3.70	0.	0.	4	-3.70	0.	0.	4	-4.40	0.	0.
5	-3.60	0.	0.	5	-3.60	0.	0.	5	-4.20	0.	0.
6	-3.50	0.	0.	6	-3.50	0.	0.	6	-4.00	0.	0.
7	-3.40	0.	0.	7	-3.40	0.	0.	7	-3.80	0.0003	0.0003
8	-3.30	0.	0.	8	-3.30	0.	0.	8	-3.60	0.0003	0.0006
9	-3.20	0.	0.	9	-3.20	0.	0.	9	-3.40	0.0011	0.0017
10	-3.10	0.	0.	10	-3.10	0.	0.	10	-3.20	0.0015	0.0032
11	-3.00	0.	0.	11	-3.00	0.	0.	11	-3.00	0.0017	0.0049
12	-2.90	0.	0.	12	-2.90	0.	0.	12	-2.80	0.0033	0.0082
13	-2.80	0.	0.	13	-2.80	0.	0.	13	-2.60	0.0031	0.0113
14	-2.70	0.	0.	14	-2.70	0.	0.	14	-2.40	0.0069	0.0182
15	-2.60	0.	0.	15	-2.60	0.	0.	15	-2.20	0.0107	0.0289
16	-2.50	0.	0.	16	-2.50	0.	0.	16	-2.00	0.0156	0.0444
17	-2.40	0.	0.	17	-2.40	0.0001	0.0001	17	-1.80	0.0220	0.0664
18	-2.30	0.	0.	18	-2.30	0.0002	0.0003	18	-1.60	0.0329	0.0993
19	-2.20	0.0001	0.0001	19	-2.20	0.0003	0.0006	19	-1.40	0.0397	0.1391
20	-2.10	0.0026	0.0027	20	-2.10	0.0008	0.0014	20	-1.20	0.0530	0.1920
21	-2.00	0.0042	0.0069	21	-2.00	0.0009	0.0023	21	-1.00	0.0558	0.2478
22	-1.90	0.0071	0.0139	22	-1.90	0.0019	0.0041	22	-0.80	0.0603	0.3081
23	-1.80	0.0094	0.0234	23	-1.80	0.0029	0.0070	23	-0.60	0.0627	0.3708
24	-1.70	0.0116	0.0349	24	-1.70	0.0024	0.0093	24	-0.40	0.0636	0.4343
25	-1.60	0.0169	0.0518	25	-1.60	0.0018	0.0111	25	-0.20	0.0661	0.5004
26	-1.50	0.0237	0.0755	26	-1.50	0.0024	0.0135	26	0.	0.0642	0.5647
27	-1.40	0.0336	0.1091	27	-1.40	0.0034	0.0168	27	0.20	0.0718	0.6365
28	-1.30	0.0323	0.1414	28	-1.30	0.0037	0.0205	28	0.40	0.0652	0.7017
29	-1.20	0.0355	0.1769	29	-1.20	0.0047	0.0253	29	0.60	0.0670	0.7687
30	-1.10	0.0384	0.2153	30	-1.10	0.0067	0.0320	30	0.80	0.0608	0.8295
31	-1.00	0.0331	0.2484	31	-1.00	0.0094	0.0414	31	1.00	0.0510	0.8805
32	-0.90	0.0336	0.2820	32	-0.90	0.0150	0.0564	32	1.20	0.0395	0.9200
33	-0.80	0.0317	0.3137	33	-0.80	0.0161	0.0725	33	1.40	0.0301	0.9500
34	-0.70	0.0307	0.3443	34	-0.70	0.0238	0.0963	34	1.60	0.0210	0.9710
35	-0.60	0.0305	0.3748	35	-0.60	0.0285	0.1248	35	1.80	0.0136	0.9846
36	-0.50	0.0294	0.4042	36	-0.50	0.0378	0.1626	36	2.00	0.0080	0.9926
37	-0.40	0.0277	0.4320	37	-0.40	0.0497	0.2124	37	2.20	0.0030	0.9956
38	-0.30	0.0292	0.4611	38	-0.30	0.0641	0.2764	38	2.40	0.0019	0.9975
39	-0.20	0.0292	0.4903	39	-0.20	0.0778	0.3542	39	2.60	0.0011	0.9986
40	-0.10	0.0300	0.5203	40	-0.10	0.0764	0.4306	40	2.80	0.0005	0.9991
41	0.	0.0315	0.5518	41	0.	0.0852	0.5158	41	3.00	0.0003	0.9993
42	0.10	0.0311	0.5828	42	0.10	0.0918	0.6076	42	3.20	0.0003	0.9996
43	0.20	0.0333	0.6161	43	0.20	0.0901	0.6977	43	3.40	0.0001	0.9997
44	0.30	0.0360	0.6521	44	0.30	0.0717	0.7694	44	3.60	0.0002	0.9998
45	0.40	0.0381	0.6901	45	0.40	0.0561	0.8255	45	3.80	0.	0.9998
46	0.50	0.0349	0.7250	46	0.50	0.0419	0.8674	46	4.00	0.	0.9998
47	0.60	0.0349	0.7598	47	0.60	0.0304	0.8978	47	4.20	0.	0.9998
48	0.70	0.0345	0.7944	48	0.70	0.0248	0.9226	48	4.40	0.0002	1.0000
49	0.80	0.0340	0.8284	49	0.80	0.0192	0.9418	49	4.60	0.	1.0000
50	0.90	0.0353	0.8637	50	0.90	0.0133	0.9550	50	4.80	0.	1.0000
51	1.00	0.0332	0.8968	51	1.00	0.0099	0.9650	51	5.00	0.	1.0000
52	1.10	0.0279	0.9247	52	1.10	0.0062	0.9712	52	5.20	0.	1.0000
53	1.20	0.0218	0.9466	53	1.20	0.0061	0.9774	53	5.40	0.	1.0000
54	1.30	0.0197	0.9663	54	1.30	0.0054	0.9827	54	5.60	0.	1.0000
55	1.40	0.0130	0.9793	55	1.40	0.0040	0.9867	55	5.80	0.	1.0000
56	1.50	0.0086	0.9879	56	1.50	0.0031	0.9898	56	6.00	0.	1.0000
57	1.60	0.0057	0.9936	57	1.60	0.0031	0.9929	57	6.20	0.	1.0000
58	1.70	0.0034	0.9970	58	1.70	0.0008	0.9938	58	6.40	0.	1.0000
59	1.80	0.0023	0.9992	59	1.80	0.0015	0.9953	59	6.60	0.	1.0000
60	1.90	0.0006	0.9998	60	1.90	0.0016	0.9969	60	6.80	0.	1.0000
61	2.00	0.0002	1.0000	61	2.00	0.0008	0.9977	61	7.00	0.	1.0000
62	2.10	0.	1.0000	62	2.10	0.0010	0.9987				
63	2.20	0.	1.0000	63	2.20	0.0005	0.9992				
64	2.30	0.	1.0000	64	2.30	0.0003	0.9996				
65	2.40	0.	1.0000	65	2.40	0.0001	0.9997				
66	2.50	0.	1.0000	66	2.50	0.	0.9997				
67	2.60	0.	1.0000	67	2.60	0.	0.9997				
68	2.70	0.	1.0000	68	2.70	0.0002	0.9998				
69	2.80	0.	1.0000	69	2.80	0.	0.9998				
70	2.90	0.	1.0000	70	2.90	0.0001	0.9999				
71	3.00	0.	1.0000	71	3.00	0.	0.9999				
72	3.10	0.	1.0000	72	3.10	0.	0.9999				
73	3.20	0.	1.0000	73	3.20	0.	0.9999				
74	3.30	0.	1.0000	74	3.30	0.	0.9999				
75	3.40	0.	1.0000	75	3.40	0.0001	1.0000				
76	3.50	0.	1.0000	76	3.50	0.	1.0000				
77	3.60	0.	1.0000	77	3.60	0.	1.0000				
78	3.70	0.	1.0000	78	3.70	0.	1.0000				
79	3.80	0.	1.0000	79	3.80	0.	1.0000				
80	3.90	0.	1.0000	80	3.90	0.	1.0000				
81	4.00	0.	1.0000	81	4.00	0.	1.0000				

I - INTERVAL NUMBER X - INTERVAL CENTER VALUE

P(X) - PROBABILITY MASS FUNCTION F(X) - CUMULATIVE DISTRIBUTION FUNCTION

NEW LONDON CONN.

STATISTICS FOR APRIL

ASTRONOMICAL TIDE				STORM SURGE				TOTAL WATER LEVEL			
MEAN-0.02		STND DEV 0.93		MEAN-0.03		STND DEV 0.42		MEAN-0.05		STND DEV 0.99	
I	X	P(X)	F(X)	I	X	P(X)	F(X)	I	X	P(X)	F(X)
1	-4.00	0.	0.	1	-4.00	0.	0.	1	-5.00	0.	0.
2	-3.90	0.	0.	2	-3.90	0.	0.	2	-4.80	0.	0.
3	-3.80	0.	0.	3	-3.80	0.	0.	3	-4.60	0.	0.
4	-3.70	0.	0.	4	-3.70	0.	0.	4	-4.40	0.	0.
5	-3.60	0.	0.	5	-3.60	0.	0.	5	-4.20	0.	0.
6	-3.50	0.	0.	6	-3.50	0.	0.	6	-4.00	0.	0.
7	-3.40	0.	0.	7	-3.40	0.	0.	7	-3.80	0.	0.
8	-3.30	0.	0.	8	-3.30	0.	0.	8	-3.60	0.	0.
9	-3.20	0.	0.	9	-3.20	0.	0.	9	-3.40	0.	0.
10	-3.10	0.	0.	10	-3.10	0.	0.	10	-3.20	0.0002	0.0002
11	-3.00	0.	0.	11	-3.00	0.	0.	11	-3.00	0.0003	0.0005
12	-2.90	0.	0.	12	-2.90	0.	0.	12	-2.80	0.0005	0.0010
13	-2.80	0.	0.	13	-2.80	0.	0.	13	-2.60	0.0010	0.0021
14	-2.70	0.	0.	14	-2.70	0.	0.	14	-2.40	0.0030	0.0051
15	-2.60	0.	0.	15	-2.60	0.	0.	15	-2.20	0.0059	0.0110
16	-2.50	0.	0.	16	-2.50	0.	0.	16	-2.00	0.0132	0.0242
17	-2.40	0.	0.	17	-2.40	0.	0.	17	-1.80	0.0206	0.0448
18	-2.30	0.	0.	18	-2.30	0.	0.	18	-1.60	0.0301	0.0749
19	-2.20	0.	0.	19	-2.20	0.	0.	19	-1.40	0.0399	0.1148
20	-2.10	0.0011	0.0011	20	-2.10	0.	0.	20	-1.20	0.0513	0.1662
21	-2.00	0.0023	0.0035	21	-2.00	0.	0.	21	-1.00	0.0566	0.2227
22	-1.90	0.0037	0.0072	22	-1.90	0.	0.	22	-0.80	0.0610	0.2838
23	-1.80	0.0059	0.0131	23	-1.80	0.0002	0.0002	23	-0.60	0.0609	0.3447
24	-1.70	0.0091	0.0222	24	-1.70	0.0004	0.0006	24	-0.40	0.0681	0.4129
25	-1.60	0.0119	0.0341	25	-1.60	0.0007	0.0013	25	-0.20	0.0601	0.4729
26	-1.50	0.0153	0.0494	26	-1.50	0.0010	0.0023	26	0.	0.0670	0.5399
27	-1.40	0.0249	0.0743	27	-1.40	0.0016	0.0039	27	0.20	0.0688	0.6088
28	-1.30	0.0255	0.0998	28	-1.30	0.0028	0.0067	28	0.40	0.0726	0.6813
29	-1.20	0.0326	0.1325	29	-1.20	0.0018	0.0085	29	0.60	0.0738	0.7551
30	-1.10	0.0368	0.1693	30	-1.10	0.0021	0.0106	30	0.80	0.0669	0.8221
31	-1.00	0.0332	0.2024	31	-1.00	0.0034	0.0140	31	1.00	0.0545	0.8766
32	-0.90	0.0352	0.2376	32	-0.90	0.0051	0.0191	32	1.20	0.0423	0.9188
33	-0.80	0.0328	0.2704	33	-0.80	0.0093	0.0284	33	1.40	0.0328	0.9517
34	-0.70	0.0320	0.3024	34	-0.70	0.0212	0.0496	34	1.60	0.0195	0.9712
35	-0.60	0.0336	0.3360	35	-0.60	0.0330	0.0826	35	1.80	0.0126	0.9838
36	-0.50	0.0282	0.3642	36	-0.50	0.0497	0.1323	36	2.00	0.0080	0.9918
37	-0.40	0.0293	0.3936	37	-0.40	0.0737	0.2060	37	2.20	0.0038	0.9956
38	-0.30	0.0294	0.4230	38	-0.30	0.0908	0.2968	38	2.40	0.0018	0.9974
39	-0.20	0.0275	0.4505	39	-0.20	0.1022	0.3990	39	2.60	0.0013	0.9987
40	-0.10	0.0307	0.4813	40	-0.10	0.1116	0.5106	40	2.80	0.0009	0.9996
41	0.	0.0292	0.5104	41	0.	0.0979	0.6085	41	3.00	0.0003	0.9999
42	0.10	0.0286	0.5390	42	0.10	0.0898	0.6984	42	3.20	0.0001	1.0000
43	0.20	0.0313	0.5703	43	0.20	0.0779	0.7762	43	3.40	0.	1.0000
44	0.30	0.0335	0.6038	44	0.30	0.0666	0.8428	44	3.60	0.	1.0000
45	0.40	0.0341	0.6379	45	0.40	0.0503	0.8931	45	3.80	0.	1.0000
46	0.50	0.0352	0.6731	46	0.50	0.0341	0.9272	46	4.00	0.	1.0000
47	0.60	0.0404	0.7135	47	0.60	0.0221	0.9493	47	4.20	0.	1.0000
48	0.70	0.0366	0.7500	48	0.70	0.0152	0.9645	48	4.40	0.	1.0000
49	0.80	0.0386	0.7886	49	0.80	0.0106	0.9751	49	4.60	0.	1.0000
50	0.90	0.0401	0.8287	50	0.90	0.0069	0.9820	50	4.80	0.	1.0000
51	1.00	0.0337	0.8624	51	1.00	0.0063	0.9884	51	5.00	0.	1.0000
52	1.10	0.0316	0.8940	52	1.10	0.0035	0.9918	52	5.20	0.	1.0000
53	1.20	0.0236	0.9176	53	1.20	0.0025	0.9944	53	5.40	0.	1.0000
54	1.30	0.0221	0.9398	54	1.30	0.0018	0.9962	54	5.60	0.	1.0000
55	1.40	0.0188	0.9585	55	1.40	0.0007	0.9969	55	5.80	0.	1.0000
56	1.50	0.0119	0.9704	56	1.50	0.0010	0.9978	56	6.00	0.	1.0000
57	1.60	0.0083	0.9787	57	1.60	0.0004	0.9983	57	6.20	0.	1.0000
58	1.70	0.0067	0.9853	58	1.70	0.0008	0.9990	58	6.40	0.	1.0000
59	1.80	0.0056	0.9909	59	1.80	0.0002	0.9992	59	6.60	0.	1.0000
60	1.90	0.0037	0.9945	60	1.90	0.0001	0.9993	60	6.80	0.	1.0000
61	2.00	0.0030	0.9975	61	2.00	0.0003	0.9996	61	7.00	0.	1.0000
62	2.10	0.0023	0.9997	62	2.10	0.0002	0.9997				
63	2.20	0.0003	1.0000	63	2.20	0.0003	1.0000				
64	2.30	0.	1.0000	64	2.30	0.	1.0000				
65	2.40	0.	1.0000	65	2.40	0.	1.0000				
66	2.50	0.	1.0000	66	2.50	0.	1.0000				
67	2.60	0.	1.0000	67	2.60	0.	1.0000				
68	2.70	0.	1.0000	68	2.70	0.	1.0000				
69	2.80	0.	1.0000	69	2.80	0.	1.0000				
70	2.90	0.	1.0000	70	2.90	0.	1.0000				
71	3.00	0.	1.0000	71	3.00	0.	1.0000				
72	3.10	0.	1.0000	72	3.10	0.	1.0000				
73	3.20	0.	1.0000	73	3.20	0.	1.0000				
74	3.30	0.	1.0000	74	3.30	0.	1.0000				
75	3.40	0.	1.0000	75	3.40	0.	1.0000				
76	3.50	0.	1.0000	76	3.50	0.	1.0000				
77	3.60	0.	1.0000	77	3.60	0.	1.0000				
78	3.70	0.	1.0000	78	3.70	0.	1.0000				
79	3.80	0.	1.0000	79	3.80	0.	1.0000				
80	3.90	0.	1.0000	80	3.90	0.	1.0000				
81	4.00	0.	1.0000	81	4.00	0.	1.0000				

I - INTERVAL NUMBER X - INTERVAL CENTER VALUE

P(X) - PROBABILITY MASS FUNCTION F(X) - CUMULATIVE DISTRIBUTION FUNCTION

NEW LONDON CONN.

STATISTICS FOR MAY

ASTRONOMICAL TIDE				STORM SURGE				TOTAL WATER LEVEL			
MEAN 0.07		STND DEV 0.93		MEAN-0.00		STND DEV 0.32		MEAN 0.07		STND DEV 0.95	
I	X	P(X)	F(X)	I	X	P(X)	F(X)	I	X	P(X)	F(X)
1	-4.00	0.	0.	1	-4.00	0.	0.	1	-5.00	0.	0.
2	-3.90	0.	0.	2	-3.90	0.	0.	2	-4.80	0.	0.
3	-3.80	0.	0.	3	-3.80	0.	0.	3	-4.60	0.	0.
4	-3.70	0.	0.	4	-3.70	0.	0.	4	-4.40	0.	0.
5	-3.60	0.	0.	5	-3.60	0.	0.	5	-4.20	0.	0.
6	-3.50	0.	0.	6	-3.50	0.	0.	6	-4.00	0.	0.
7	-3.40	0.	0.	7	-3.40	0.	0.	7	-3.80	0.	0.
8	-3.30	0.	0.	8	-3.30	0.	0.	8	-3.60	0.	0.
9	-3.20	0.	0.	9	-3.20	0.	0.	9	-3.40	0.	0.
10	-3.10	0.	0.	10	-3.10	0.	0.	10	-3.20	0.	0.
11	-3.00	0.	0.	11	-3.00	0.	0.	11	-3.00	0.0001	0.0001
12	-2.90	0.	0.	12	-2.90	0.	0.	12	-2.80	0.	0.0001
13	-2.80	0.	0.	13	-2.80	0.	0.	13	-2.60	0.0001	0.0002
14	-2.70	0.	0.	14	-2.70	0.	0.	14	-2.40	0.0010	0.0012
15	-2.60	0.	0.	15	-2.60	0.	0.	15	-2.20	0.0027	0.0039
16	-2.50	0.	0.	16	-2.50	0.	0.	16	-2.00	0.0068	0.0106
17	-2.40	0.	0.	17	-2.40	0.	0.	17	-1.80	0.0113	0.0219
18	-2.30	0.	0.	18	-2.30	0.	0.	18	-1.60	0.0222	0.0441
19	-2.20	0.	0.	19	-2.20	0.	0.	19	-1.40	0.0314	0.0755
20	-2.10	0.0001	0.0001	20	-2.10	0.0001	0.0001	20	-1.20	0.0489	0.1244
21	-2.00	0.0015	0.0016	21	-2.00	0.	0.0001	21	-1.00	0.0562	0.1806
22	-1.90	0.0028	0.0044	22	-1.90	0.0002	0.0003	22	-0.80	0.0620	0.2426
23	-1.80	0.0030	0.0074	23	-1.80	0.	0.0003	23	-0.60	0.0659	0.3085
24	-1.70	0.0064	0.0138	24	-1.70	0.0002	0.0004	24	-0.40	0.0640	0.3725
25	-1.60	0.0085	0.0223	25	-1.60	0.	0.0004	25	-0.20	0.0654	0.4379
26	-1.50	0.0117	0.0339	26	-1.50	0.0002	0.0006	26	0.	0.0648	0.5027
27	-1.40	0.0174	0.0513	27	-1.40	0.	0.0006	27	0.20	0.0673	0.5700
28	-1.30	0.0231	0.0744	28	-1.30	0.0003	0.0009	28	0.40	0.0702	0.6402
29	-1.20	0.0295	0.1039	29	-1.20	0.0001	0.0009	29	0.60	0.0753	0.7155
30	-1.10	0.0314	0.1353	30	-1.10	0.0009	0.0019	30	0.80	0.0721	0.7876
31	-1.00	0.0389	0.1742	31	-1.00	0.0016	0.0035	31	1.00	0.0636	0.8512
32	-0.90	0.0338	0.2081	32	-0.90	0.0030	0.0065	32	1.20	0.0495	0.9008
33	-0.80	0.0335	0.2416	33	-0.80	0.0042	0.0107	33	1.40	0.0365	0.9373
34	-0.70	0.0330	0.2746	34	-0.70	0.0088	0.0195	34	1.60	0.0262	0.9635
35	-0.60	0.0326	0.3072	35	-0.60	0.0211	0.0406	35	1.80	0.0164	0.9799
36	-0.50	0.0316	0.3388	36	-0.50	0.0315	0.0721	36	2.00	0.0101	0.9900
37	-0.40	0.0290	0.3678	37	-0.40	0.0538	0.1259	37	2.20	0.0051	0.9951
38	-0.30	0.0287	0.3964	38	-0.30	0.0769	0.2029	38	2.40	0.0028	0.9980
39	-0.20	0.0308	0.4272	39	-0.20	0.1013	0.3042	39	2.60	0.0011	0.9991
40	-0.10	0.0285	0.4557	40	-0.10	0.1311	0.4352	40	2.80	0.0008	0.9998
41	0.	0.0276	0.4833	41	0.	0.1366	0.5718	41	3.00	0.0001	0.9999
42	0.10	0.0298	0.5131	42	0.10	0.1254	0.6972	42	3.20	0.0001	1.0000
43	0.20	0.0306	0.5437	43	0.20	0.1028	0.8000	43	3.40	0.	1.0000
44	0.30	0.0296	0.5733	44	0.30	0.0741	0.8741	44	3.60	0.	1.0000
45	0.40	0.0329	0.6061	45	0.40	0.0528	0.9268	45	3.80	0.	1.0000
46	0.50	0.0336	0.6397	46	0.50	0.0321	0.9589	46	4.00	0.	1.0000
47	0.60	0.0371	0.6768	47	0.60	0.0179	0.9768	47	4.20	0.	1.0000
48	0.70	0.0395	0.7162	48	0.70	0.0099	0.9867	48	4.40	0.	1.0000
49	0.80	0.0457	0.7619	49	0.80	0.0063	0.9931	49	4.60	0.	1.0000
50	0.90	0.0417	0.8036	50	0.90	0.0042	0.9973	50	4.80	0.	1.0000
51	1.00	0.0374	0.8410	51	1.00	0.0014	0.9986	51	5.00	0.	1.0000
52	1.10	0.0321	0.8731	52	1.10	0.0008	0.9994	52	5.20	0.	1.0000
53	1.20	0.0238	0.8968	53	1.20	0.	0.9994	53	5.40	0.	1.0000
54	1.30	0.0237	0.9205	54	1.30	0.	0.9994	54	5.60	0.	1.0000
55	1.40	0.0162	0.9367	55	1.40	0.0003	0.9997	55	5.80	0.	1.0000
56	1.50	0.0140	0.9508	56	1.50	0.0003	0.9999	56	6.00	0.	1.0000
57	1.60	0.0129	0.9637	57	1.60	0.0001	1.0000	57	6.20	0.	1.0000
58	1.70	0.0097	0.9734	58	1.70	0.	1.0000	58	6.40	0.	1.0000
59	1.80	0.0071	0.9805	59	1.80	0.	1.0000	59	6.60	0.	1.0000
60	1.90	0.0059	0.9864	60	1.90	0.	1.0000	60	6.80	0.	1.0000
61	2.00	0.0045	0.9908	61	2.00	0.	1.0000	61	7.00	0.	1.0000
62	2.10	0.0040	0.9948	62	2.10	0.	1.0000				
63	2.20	0.0026	0.9974	63	2.20	0.	1.0000				
64	2.30	0.0022	0.9996	64	2.30	0.	1.0000				
65	2.40	0.0004	1.0000	65	2.40	0.	1.0000				
66	2.50	0.	1.0000	66	2.50	0.	1.0000				
67	2.60	0.	1.0000	67	2.60	0.	1.0000				
68	2.70	0.	1.0000	68	2.70	0.	1.0000				
69	2.80	0.	1.0000	69	2.80	0.	1.0000				
70	2.90	0.	1.0000	70	2.90	0.	1.0000				
71	3.00	0.	1.0000	71	3.00	0.	1.0000				
72	3.10	0.	1.0000	72	3.10	0.	1.0000				
73	3.20	0.	1.0000	73	3.20	0.	1.0000				
74	3.30	0.	1.0000	74	3.30	0.	1.0000				
75	3.40	0.	1.0000	75	3.40	0.	1.0000				
76	3.50	0.	1.0000	76	3.50	0.	1.0000				
77	3.60	0.	1.0000	77	3.60	0.	1.0000				
78	3.70	0.	1.0000	78	3.70	0.	1.0000				
79	3.80	0.	1.0000	79	3.80	0.	1.0000				
80	3.90	0.	1.0000	80	3.90	0.	1.0000				
81	4.00	0.	1.0000	81	4.00	0.	1.0000				

I - INTERVAL NUMBER X - INTERVAL CENTER VALUE

P(X) - PROBABILITY MASS FUNCTION F(X) - CUMULATIVE DISTRIBUTION FUNCTION

NEW LONDON CONN.

STATISTICS FOR JUNE

ASTRONOMICAL TIDE				STORM SURGE				TOTAL WATER LEVEL			
MEAN 0.10		STND DEV 0.93		MEAN 0.02		STND DEV 0.25		MEAN 0.12		STND DEV 0.93	
I	X	P(X)	F(X)	I	X	P(X)	F(X)	I	X	P(X)	F(X)
1	-4.00	0.	0.	1	-4.00	0.	0.	1	-5.00	0.	0.
2	-3.90	0.	0.	2	-3.90	0.	0.	2	-4.80	0.	0.
3	-3.80	0.	0.	3	-3.80	0.	0.	3	-4.60	0.	0.
4	-3.70	0.	0.	4	-3.70	0.	0.	4	-4.40	0.	0.
5	-3.60	0.	0.	5	-3.60	0.	0.	5	-4.20	0.	0.
6	-3.50	0.	0.	6	-3.50	0.	0.	6	-4.00	0.	0.
7	-3.40	0.	0.	7	-3.40	0.	0.	7	-3.80	0.	0.
8	-3.30	0.	0.	8	-3.30	0.	0.	8	-3.60	0.	0.
9	-3.20	0.	0.	9	-3.20	0.	0.	9	-3.40	0.	0.
10	-3.10	0.	0.	10	-3.10	0.	0.	10	-3.20	0.	0.
11	-3.00	0.	0.	11	-3.00	0.	0.	11	-3.00	0.	0.
12	-2.90	0.	0.	12	-2.90	0.	0.	12	-2.80	0.	0.
13	-2.80	0.	0.	13	-2.80	0.	0.	13	-2.60	0.	0.
14	-2.70	0.	0.	14	-2.70	0.	0.	14	-2.40	0.0003	0.0003
15	-2.60	0.	0.	15	-2.60	0.	0.	15	-2.20	0.0017	0.0019
16	-2.50	0.	0.	16	-2.50	0.	0.	16	-2.00	0.0042	0.0061
17	-2.40	0.	0.	17	-2.40	0.	0.	17	-1.80	0.0093	0.0154
18	-2.30	0.	0.	18	-2.30	0.	0.	18	-1.60	0.0163	0.0317
19	-2.20	0.	0.	19	-2.20	0.	0.	19	-1.40	0.0295	0.0612
20	-2.10	0.	0.	20	-2.10	0.	0.	20	-1.20	0.0448	0.1060
21	-2.00	0.0004	0.0004	21	-2.00	0.	0.	21	-1.00	0.0547	0.1607
22	-1.90	0.0013	0.0017	22	-1.90	0.	0.	22	-0.80	0.0659	0.2266
23	-1.80	0.0026	0.0043	23	-1.80	0.	0.	23	-0.60	0.0667	0.2933
24	-1.70	0.0045	0.0089	24	-1.70	0.	0.	24	-0.40	0.0620	0.3553
25	-1.60	0.0068	0.0156	25	-1.60	0.	0.	25	-0.20	0.0626	0.4179
26	-1.50	0.0093	0.0249	26	-1.50	0.	0.	26	0.	0.0630	0.4809
27	-1.40	0.0182	0.0431	27	-1.40	0.	0.	27	0.20	0.0681	0.5490
28	-1.30	0.0211	0.0642	28	-1.30	0.	0.	28	0.40	0.0705	0.6195
29	-1.20	0.0280	0.0922	29	-1.20	0.	0.	29	0.60	0.0770	0.6965
30	-1.10	0.0317	0.1239	30	-1.10	0.0002	0.0002	30	0.80	0.0734	0.7699
31	-1.00	0.0382	0.1621	31	-1.00	0.	0.0002	31	1.00	0.0643	0.8342
32	-0.90	0.0384	0.2004	32	-0.90	0.0001	0.0003	32	1.20	0.0564	0.8906
33	-0.80	0.0341	0.2346	33	-0.80	0.0004	0.0007	33	1.40	0.0446	0.9351
34	-0.70	0.0370	0.2715	34	-0.70	0.0009	0.0016	34	1.60	0.0297	0.9648
35	-0.60	0.0293	0.3008	35	-0.60	0.0045	0.0060	35	1.80	0.0179	0.9827
36	-0.50	0.0313	0.3320	36	-0.50	0.0130	0.0190	36	2.00	0.0106	0.9933
37	-0.40	0.0281	0.3602	37	-0.40	0.0347	0.0537	37	2.20	0.0048	0.9981
38	-0.30	0.0302	0.3904	38	-0.30	0.0683	0.1219	38	2.40	0.0017	0.9997
39	-0.20	0.0292	0.4195	39	-0.20	0.1135	0.2355	39	2.60	0.0003	1.0000
40	-0.10	0.0295	0.4491	40	-0.10	0.1544	0.3899	40	2.80	0.	1.0000
41	0.	0.0283	0.4773	41	0.	0.1687	0.5586	41	3.00	0.	1.0000
42	0.10	0.0294	0.5068	42	0.10	0.1560	0.7146	42	3.20	0.	1.0000
43	0.20	0.0308	0.5376	43	0.20	0.1197	0.8342	43	3.40	0.	1.0000
44	0.30	0.0293	0.5669	44	0.30	0.0754	0.9096	44	3.60	0.	1.0000
45	0.40	0.0324	0.5993	45	0.40	0.0475	0.9571	45	3.80	0.	1.0000
46	0.50	0.0337	0.6330	46	0.50	0.0194	0.9765	46	4.00	0.	1.0000
47	0.60	0.0366	0.6695	47	0.60	0.0095	0.9860	47	4.20	0.	1.0000
48	0.70	0.0390	0.7085	48	0.70	0.0073	0.9933	48	4.40	0.	1.0000
49	0.80	0.0430	0.7515	49	0.80	0.0039	0.9972	49	4.60	0.	1.0000
50	0.90	0.0397	0.7912	50	0.90	0.0019	0.9991	50	4.80	0.	1.0000
51	1.00	0.0393	0.8305	51	1.00	0.0005	0.9997	51	5.00	0.	1.0000
52	1.10	0.0306	0.8610	52	1.10	0.0003	1.0000	52	5.20	0.	1.0000
53	1.20	0.0266	0.8877	53	1.20	0.	1.0000	53	5.40	0.	1.0000
54	1.30	0.0228	0.9105	54	1.30	0.	1.0000	54	5.60	0.	1.0000
55	1.40	0.0194	0.9299	55	1.40	0.	1.0000	55	5.80	0.	1.0000
56	1.50	0.0163	0.9462	56	1.50	0.	1.0000	56	6.00	0.	1.0000
57	1.60	0.0150	0.9612	57	1.60	0.	1.0000	57	6.20	0.	1.0000
58	1.70	0.0105	0.9717	58	1.70	0.	1.0000	58	6.40	0.	1.0000
59	1.80	0.0077	0.9794	59	1.80	0.	1.0000	59	6.60	0.	1.0000
60	1.90	0.0064	0.9858	60	1.90	0.	1.0000	60	6.80	0.	1.0000
61	2.00	0.0060	0.9918	61	2.00	0.	1.0000	61	7.00	0.	1.0000
62	2.10	0.0037	0.9956	62	2.10	0.	1.0000				
63	2.20	0.0029	0.9984	63	2.20	0.	1.0000				
64	2.30	0.0016	1.0000	64	2.30	0.	1.0000				
65	2.40	0.	1.0000	65	2.40	0.	1.0000				
66	2.50	0.	1.0000	66	2.50	0.	1.0000				
67	2.60	0.	1.0000	67	2.60	0.	1.0000				
68	2.70	0.	1.0000	68	2.70	0.	1.0000				
69	2.80	0.	1.0000	69	2.80	0.	1.0000				
70	2.90	0.	1.0000	70	2.90	0.	1.0000				
71	3.00	0.	1.0000	71	3.00	0.	1.0000				
72	3.10	0.	1.0000	72	3.10	0.	1.0000				
73	3.20	0.	1.0000	73	3.20	0.	1.0000				
74	3.30	0.	1.0000	74	3.30	0.	1.0000				
75	3.40	0.	1.0000	75	3.40	0.	1.0000				
76	3.50	0.	1.0000	76	3.50	0.	1.0000				
77	3.60	0.	1.0000	77	3.60	0.	1.0000				
78	3.70	0.	1.0000	78	3.70	0.	1.0000				
79	3.80	0.	1.0000	79	3.80	0.	1.0000				
80	3.90	0.	1.0000	80	3.90	0.	1.0000				
81	4.00	0.	1.0000	81	4.00	0.	1.0000				

I - INTERVAL NUMBER X - INTERVAL CENTER VALUE

P(X) - PROBABILITY MASS FUNCTION F(X) - CUMULATIVE DISTRIBUTION FUNCTION

NEW LONDON CONN.

STATISTICS FOR JULY

ASTRONOMICAL TIDE				STORM SURGE				TOTAL WATER LEVEL			
MEAN 0.10		STND DEV 0.92		MEAN-0.02		STND DEV 0.21		MEAN 0.08		STND DEV 0.92	
I	X	P(X)	F(X)	I	X	P(X)	F(X)	I	X	P(X)	F(X)
1	-4.00	0.	0.	1	-4.00	0.	0.	1	-5.00	0.	0.
2	-3.90	0.	0.	2	-3.90	0.	0.	2	-4.80	0.	0.
3	-3.80	0.	0.	3	-3.80	0.	0.	3	-4.60	0.	0.
4	-3.70	0.	0.	4	-3.70	0.	0.	4	-4.40	0.	0.
5	-3.60	0.	0.	5	-3.60	0.	0.	5	-4.20	0.	0.
6	-3.50	0.	0.	6	-3.50	0.	0.	6	-4.00	0.	0.
7	-3.40	0.	0.	7	-3.40	0.	0.	7	-3.80	0.	0.
8	-3.30	0.	0.	8	-3.30	0.	0.	8	-3.60	0.	0.
9	-3.20	0.	0.	9	-3.20	0.	0.	9	-3.40	0.	0.
10	-3.10	0.	0.	10	-3.10	0.	0.	10	-3.20	0.	0.
11	-3.00	0.	0.	11	-3.00	0.	0.	11	-3.00	0.	0.
12	-2.90	0.	0.	12	-2.90	0.	0.	12	-2.80	0.	0.
13	-2.80	0.	0.	13	-2.80	0.	0.	13	-2.60	0.	0.
14	-2.70	0.	0.	14	-2.70	0.	0.	14	-2.40	0.0002	0.0002
15	-2.60	0.	0.	15	-2.60	0.	0.	15	-2.20	0.0003	0.0005
16	-2.50	0.	0.	16	-2.50	0.	0.	16	-2.00	0.0041	0.0045
17	-2.40	0.	0.	17	-2.40	0.	0.	17	-1.60	0.0088	0.0133
18	-2.30	0.	0.	18	-2.30	0.	0.	18	-1.60	0.0181	0.0314
19	-2.20	0.	0.	19	-2.20	0.	0.	19	-1.40	0.0321	0.0635
20	-2.10	0.	0.	20	-2.10	0.	0.	20	-1.20	0.0524	0.1159
21	-2.00	0.	0.	21	-2.00	0.	0.	21	-1.00	0.0620	0.1779
22	-1.90	0.0006	0.0006	22	-1.90	0.	0.	22	-0.80	0.0663	0.2442
23	-1.80	0.0019	0.0025	23	-1.80	0.	0.	23	-0.60	0.0645	0.3086
24	-1.70	0.0043	0.0068	24	-1.70	0.	0.	24	-0.40	0.0637	0.3723
25	-1.60	0.0060	0.0128	25	-1.60	0.	0.	25	-0.20	0.0634	0.4357
26	-1.50	0.0119	0.0247	26	-1.50	0.	0.	26	0.	0.0644	0.5001
27	-1.40	0.0131	0.0378	27	-1.40	0.	0.	27	0.20	0.0663	0.5664
28	-1.30	0.0251	0.0629	28	-1.30	0.	0.	28	0.40	0.0716	0.6380
29	-1.20	0.0299	0.0928	29	-1.20	0.	0.	29	0.60	0.0713	0.7093
30	-1.10	0.0319	0.1247	30	-1.10	0.	0.	30	0.80	0.0697	0.7790
31	-1.00	0.0359	0.1606	31	-1.00	0.	0.	31	1.00	0.0655	0.8445
32	-0.90	0.0402	0.2007	32	-0.90	0.	0.	32	1.20	0.0548	0.8993
33	-0.80	0.0365	0.2373	33	-0.80	0.	0.	33	1.40	0.0462	0.9455
34	-0.70	0.0339	0.2712	34	-0.70	0.0013	0.0013	34	1.60	0.0284	0.9740
35	-0.60	0.0340	0.3052	35	-0.60	0.0037	0.0050	35	1.80	0.0159	0.9898
36	-0.50	0.0277	0.3329	36	-0.50	0.0139	0.0190	36	2.00	0.0079	0.9977
37	-0.40	0.0304	0.3632	37	-0.40	0.0331	0.0521	37	2.20	0.0017	0.9994
38	-0.30	0.0277	0.3909	38	-0.30	0.0749	0.1270	38	2.40	0.0006	0.9999
39	-0.20	0.0298	0.4207	39	-0.20	0.1316	0.2586	39	2.60	0.0001	1.0000
40	-0.10	0.0286	0.4493	40	-0.10	0.1833	0.4419	40	2.80	0.	1.0000
41	0.	0.0296	0.4789	41	0.	0.1897	0.6316	41	3.00	0.	1.0000
42	0.10	0.0290	0.5079	42	0.10	0.1607	0.7923	42	3.20	0.	1.0000
43	0.20	0.0289	0.5368	43	0.20	0.1116	0.9039	43	3.40	0.	1.0000
44	0.30	0.0301	0.5 70	44	0.30	0.0560	0.9599	44	3.60	0.	1.0000
45	0.40	0.0346	0.6015	45	0.40	0.0266	0.9865	45	3.80	0.	1.0000
46	0.50	0.0341	0.6356	46	0.50	0.0095	0.9960	46	4.00	0.	1.0000
47	0.60	0.0360	0.6716	47	0.60	0.0026	0.9986	47	4.20	0.	1.0000
48	0.70	0.0392	0.7108	48	0.70	0.0006	0.9992	48	4.40	0.	1.0000
49	0.80	0.0379	0.7487	49	0.80	0.0005	0.9997	49	4.60	0.	1.0000
50	0.90	0.0342	0.7830	50	0.90	0.	0.9997	50	4.80	0.	1.0000
51	1.00	0.0337	0.8167	51	1.00	0.0003	1.0000	51	5.00	0.	1.0000
52	1.10	0.0336	0.8503	52	1.10	0.	1.0000	52	5.20	0.	1.0000
53	1.20	0.0292	0.8794	53	1.20	0.	1.0000	53	5.40	0.	1.0000
54	1.30	0.0230	0.9024	54	1.30	0.	1.0000	54	5.60	0.	1.0000
55	1.40	0.0263	0.9287	55	1.40	0.	1.0000	55	5.80	0.	1.0000
56	1.50	0.0219	0.9506	56	1.50	0.	1.0000	56	6.00	0.	1.0000
57	1.60	0.0165	0.9671	57	1.60	0.	1.0000	57	6.20	0.	1.0000
58	1.70	0.0106	0.9777	58	1.70	0.	1.0000	58	6.40	0.	1.0000
59	1.80	0.0091	0.9868	59	1.80	0.	1.0000	59	6.60	0.	1.0000
60	1.90	0.0051	0.9919	60	1.90	0.	1.0000	60	6.80	0.	1.0000
61	2.00	0.0040	0.9959	61	2.00	0.	1.0000	61	7.00	0.	1.0000
62	2.10	0.0029	0.9988	62	2.10	0.	1.0000				
63	2.20	0.0011	0.9999	63	2.20	0.	1.0000				
64	2.30	0.0001	1.0000	64	2.30	0.	1.0000				
65	2.40	0.	1.0000	65	2.40	0.	1.0000				
66	2.50	0.	1.0000	66	2.50	0.	1.0000				
67	2.60	0.	1.0000	67	2.60	0.	1.0000				
68	2.70	0.	1.0000	68	2.70	0.	1.0000				
69	2.80	0.	1.0000	69	2.80	0.	1.0000				
70	2.90	0.	1.0000	70	2.90	0.	1.0000				
71	3.00	0.	1.0000	71	3.00	0.	1.0000				
72	3.10	0.	1.0000	72	3.10	0.	1.0000				
73	3.20	0.	1.0000	73	3.20	0.	1.0000				
74	3.30	0.	1.0000	74	3.30	0.	1.0000				
75	3.40	0.	1.0000	75	3.40	0.	1.0000				
76	3.50	0.	1.0000	76	3.50	0.	1.0000				
77	3.60	0.	1.0000	77	3.60	0.	1.0000				
78	3.70	0.	1.0000	78	3.70	0.	1.0000				
79	3.80	0.	1.0000	79	3.80	0.	1.0000				
80	3.90	0.	1.0000	80	3.90	0.	1.0000				
81	4.00	0.	1.0000	81	4.00	0.	1.0000				

I - INTERVAL NUMBER X - INTERVAL CENTER VALUE

P(X) - PROBABILITY MASS FUNCTION F(X) - CUMULATIVE DISTRIBUTION FUNCTION

NEW LONDON CONN.

STATISTICS FOR AUGUST

ASTRONOMICAL TIDE				STORM SURGE				TOTAL WATER LEVEL			
MEAN 0.12		STND DEV 0.92		MEAN 0.00		STND DEV 0.22		MEAN 0.11		STND DEV 0.92	
I	X	P(X)	F(X)	I	X	P(X)	F(X)	I	X	P(X)	F(X)
1	-4.00	0.	0.	1	-4.00	0.	0.	1	-5.00	0.	0.
2	-3.90	0.	0.	2	-3.90	0.	0.	2	-4.80	0.	0.
3	-3.80	0.	0.	3	-3.80	0.	0.	3	-4.60	0.	0.
4	-3.70	0.	0.	4	-3.70	0.	0.	4	-4.40	0.	0.
5	-3.60	0.	0.	5	-3.60	0.	0.	5	-4.20	0.	0.
6	-3.50	0.	0.	6	-3.50	0.	0.	6	-4.00	0.	0.
7	-3.40	0.	0.	7	-3.40	0.	0.	7	-3.80	0.	0.
8	-3.30	0.	0.	8	-3.30	0.	0.	8	-3.60	0.	0.
9	-3.20	0.	0.	9	-3.20	0.	0.	9	-3.40	0.	0.
10	-3.10	0.	0.	10	-3.10	0.	0.	10	-3.20	0.	0.
11	-3.00	0.	0.	11	-3.00	0.	0.	11	-3.00	0.	0.
12	-2.90	0.	0.	12	-2.90	0.	0.	12	-2.80	0.	0.
13	-2.80	0.	0.	13	-2.80	0.	0.	13	-2.60	0.	0.
14	-2.70	0.	0.	14	-2.70	0.	0.	14	-2.40	0.	0.
15	-2.60	0.	0.	15	-2.60	0.	0.	15	-2.20	0.0007	0.0007
16	-2.50	0.	0.	16	-2.50	0.	0.	16	-2.00	0.0026	0.0033
17	-2.40	0.	0.	17	-2.40	0.	0.	17	-1.80	0.0077	0.0110
18	-2.30	0.	0.	18	-2.30	0.	0.	18	-1.60	0.0158	0.0267
19	-2.20	0.	0.	19	-2.20	0.	0.	19	-1.40	0.0294	0.0561
20	-2.10	0.	0.	20	-2.10	0.	0.	20	-1.20	0.0461	0.1022
21	-2.00	0.	0.	21	-2.00	0.	0.	21	-1.00	0.0602	0.1624
22	-1.90	0.0001	0.0001	22	-1.90	0.	0.	22	-0.80	0.0684	0.2308
23	-1.80	0.0014	0.0015	23	-1.80	0.	0.	23	-0.60	0.0641	0.2949
24	-1.70	0.0040	0.0055	24	-1.70	0.	0.	24	-0.40	0.0663	0.3612
25	-1.60	0.0060	0.0114	25	-1.60	0.	0.	25	-0.20	0.0616	0.4228
26	-1.50	0.0103	0.0218	26	-1.50	0.	0.	26	0.	0.0661	0.4889
27	-1.40	0.0128	0.0345	27	-1.40	0.	0.	27	0.20	0.0635	0.5524
28	-1.30	0.0210	0.0555	28	-1.30	0.	0.	28	0.40	0.0718	0.6242
29	-1.20	0.0280	0.0835	29	-1.20	0.	0.	29	0.60	0.0757	0.6999
30	-1.10	0.0336	0.1171	30	-1.10	0.	0.	30	0.80	0.0676	0.7675
31	-1.00	0.0360	0.1531	31	-1.00	0.	0.	31	1.00	0.0620	0.8295
32	-0.90	0.0394	0.1925	32	-0.90	0.	0.	32	1.20	0.0616	0.8911
33	-0.80	0.0377	0.2303	33	-0.80	0.0004	0.0004	33	1.40	0.0494	0.9405
34	-0.70	0.0355	0.2658	34	-0.70	0.0012	0.0016	34	1.60	0.0326	0.9730
35	-0.60	0.0286	0.2943	35	-0.60	0.0036	0.0052	35	1.80	0.0171	0.9901
36	-0.50	0.0328	0.3271	36	-0.50	0.0135	0.0187	36	2.00	0.0076	0.9977
37	-0.40	0.0292	0.3564	37	-0.40	0.0300	0.0487	37	2.20	0.0016	0.9993
38	-0.30	0.0282	0.3846	38	-0.30	0.0695	0.1182	38	2.40	0.0006	0.9999
39	-0.20	0.0305	0.4151	39	-0.20	0.1199	0.2381	39	2.60	0.0001	1.0000
40	-0.10	0.0279	0.4430	40	-0.10	0.1776	0.4157	40	2.80	0.	1.0000
41	0.	0.0295	0.4725	41	0.	0.1843	0.6000	41	3.00	0.	1.0000
42	0.10	0.0292	0.5016	42	0.10	0.1667	0.7666	42	3.20	0.	1.0000
43	0.20	0.0291	0.5307	43	0.20	0.1101	0.8767	43	3.40	0.	1.0000
44	0.30	0.0307	0.5613	44	0.30	0.0647	0.9414	44	3.60	0.	1.0000
45	0.40	0.0323	0.5936	45	0.40	0.0304	0.9718	45	3.80	0.	1.0000
46	0.50	0.0336	0.6272	46	0.50	0.0135	0.9853	46	4.00	0.	1.0000
47	0.60	0.0378	0.6650	47	0.60	0.0066	0.9920	47	4.20	0.	1.0000
48	0.70	0.0365	0.7014	48	0.70	0.0043	0.9963	48	4.40	0.	1.0000
49	0.80	0.0374	0.7388	49	0.80	0.0026	0.9989	49	4.60	0.	1.0000
50	0.90	0.0334	0.7722	50	0.90	0.0009	0.9997	50	4.80	0.	1.0000
51	1.00	0.0341	0.8063	51	1.00	0.0003	1.0000	51	5.00	0.	1.0000
52	1.10	0.0321	0.8384	52	1.10	0.	1.0000	52	5.20	0.	1.0000
53	1.20	0.0333	0.8716	53	1.20	0.	1.0000	53	5.40	0.	1.0000
54	1.30	0.0306	0.9022	54	1.30	0.	1.0000	54	5.60	0.	1.0000
55	1.40	0.0271	0.9294	55	1.40	0.	1.0000	55	5.80	0.	1.0000
56	1.50	0.0212	0.9505	56	1.50	0.	1.0000	56	6.00	0.	1.0000
57	1.60	0.0161	0.9666	57	1.60	0.	1.0000	57	6.20	0.	1.0000
58	1.70	0.0134	0.9819	58	1.70	0.	1.0000	58	6.40	0.	1.0000
59	1.80	0.0087	0.9906	59	1.80	0.	1.0000	59	6.60	0.	1.0000
60	1.90	0.0055	0.9961	60	1.90	0.	1.0000	60	6.80	0.	1.0000
61	2.00	0.0025	0.9987	61	2.00	0.	1.0000	61	7.00	0.	1.0000
62	2.10	0.0013	0.9999	62	2.10	0.	1.0000				
63	2.20	0.0001	1.0000	63	2.20	0.	1.0000				
64	2.30	0.	1.0000	64	2.30	0.	1.0000				
65	2.40	0.	1.0000	65	2.40	0.	1.0000				
66	2.50	0.	1.0000	66	2.50	0.	1.0000				
67	2.60	0.	1.0000	67	2.60	0.	1.0000				
68	2.70	0.	1.0000	68	2.70	0.	1.0000				
69	2.80	0.	1.0000	69	2.80	0.	1.0000				
70	2.90	0.	1.0000	70	2.90	0.	1.0000				
71	3.00	0.	1.0000	71	3.00	0.	1.0000				
72	3.10	0.	1.0000	72	3.10	0.	1.0000				
73	3.20	0.	1.0000	73	3.20	0.	1.0000				
74	3.30	0.	1.0000	74	3.30	0.	1.0000				
75	3.40	0.	1.0000	75	3.40	0.	1.0000				
76	3.50	0.	1.0000	76	3.50	0.	1.0000				
77	3.60	0.	1.0000	77	3.60	0.	1.0000				
78	3.70	0.	1.0000	78	3.70	0.	1.0000				
79	3.80	0.	1.0000	79	3.80	0.	1.0000				
80	3.90	0.	1.0000	80	3.90	0.	1.0000				
81	4.00	0.	1.0000	81	4.00	0.	1.0000				

I - INTERVAL NUMBER X - INTERVAL CENTER VALUE

P(X) - PROBABILITY MASS FUNCTION F(X) - CUMULATIVE DISTRIBUTION FUNCTION

NEW LONDON CONN.

STATISTICS FOR SEPTEMBER

ASTRONOMICAL TIDE				STORM SURGE				TOTAL WATER LEVEL			
MEAN 0.15		STND DEV 0.92		MEAN-0.04		STND DEV 0.27		MEAN 0.10		STND DEV 0.93	
I	X	P(X)	F(X)	I	X	P(X)	F(X)	I	X	P(X)	F(X)
1	-4.00	0.	0.	1	-4.00	0.	0.	1	-5.00	0.	0.
2	-3.90	0.	0.	2	-3.90	0.	0.	2	-4.80	0.	0.
3	-3.80	0.	0.	3	-3.80	0.	0.	3	-4.60	0.	0.
4	-3.70	0.	0.	4	-3.70	0.	0.	4	-4.40	0.	0.
5	-3.60	0.	0.	5	-3.60	0.	0.	5	-4.20	0.	0.
6	-3.50	0.	0.	6	-3.50	0.	0.	6	-4.00	0.	0.
7	-3.40	0.	0.	7	-3.40	0.	0.	7	-3.80	0.	0.
8	-3.30	0.	0.	8	-3.30	0.	0.	8	-3.60	0.	0.
9	-3.20	0.	0.	9	-3.20	0.	0.	9	-3.40	0.	0.
10	-3.10	0.	0.	10	-3.10	0.	0.	10	-3.20	0.	0.
11	-3.00	0.	0.	11	-3.00	0.	0.	11	-3.00	0.	0.
12	-2.90	0.	0.	12	-2.90	0.	0.	12	-2.80	0.	0.
13	-2.80	0.	0.	13	-2.80	0.	0.	13	-2.60	0.0003	0.0003
14	-2.70	0.	0.	14	-2.70	0.	0.	14	-2.40	0.0005	0.0008
15	-2.60	0.	0.	15	-2.60	0.	0.	15	-2.20	0.0019	0.0027
16	-2.50	0.	0.	16	-2.50	0.	0.	16	-2.00	0.0048	0.0075
17	-2.40	0.	0.	17	-2.40	0.	0.	17	-1.80	0.0093	0.0168
18	-2.30	0.	0.	18	-2.30	0.	0.	18	-1.60	0.0165	0.0333
19	-2.20	0.	0.	19	-2.20	0.	0.	19	-1.40	0.0272	0.0606
20	-2.10	0.	0.	20	-2.10	0.	0.	20	-1.20	0.0439	0.1044
21	-2.00	0.	0.	21	-2.00	0.	0.	21	-1.00	0.0591	0.1635
22	-1.90	0.0003	0.0003	22	-1.90	0.	0.	22	-0.80	0.0685	0.2320
23	-1.80	0.0013	0.0016	23	-1.80	0.	0.	23	-0.60	0.0657	0.2978
24	-1.70	0.0050	0.0065	24	-1.70	0.0001	0.0001	24	-0.40	0.0662	0.3639
25	-1.60	0.0071	0.0136	25	-1.60	0.	0.0001	25	-0.20	0.0654	0.4293
26	-1.50	0.0082	0.0218	26	-1.50	0.0001	0.0002	26	0.	0.0616	0.4909
27	-1.40	0.0123	0.0342	27	-1.40	0.	0.0002	27	0.20	0.0692	0.5601
28	-1.30	0.0181	0.0523	28	-1.30	0.	0.0002	28	0.40	0.0695	0.6296
29	-1.20	0.0258	0.0781	29	-1.20	0.0001	0.0003	29	0.60	0.0710	0.7006
30	-1.10	0.0312	0.1093	30	-1.10	0.0005	0.0007	30	0.80	0.0713	0.7719
31	-1.00	0.0333	0.1427	31	-1.00	0.0008	0.0015	31	1.00	0.0655	0.8374
32	-0.90	0.0374	0.1801	32	-0.90	0.0013	0.0028	32	1.20	0.0562	0.8936
33	-0.80	0.0355	0.2155	33	-0.80	0.0043	0.0071	33	1.40	0.0463	0.9399
34	-0.70	0.0325	0.2480	34	-0.70	0.0061	0.0132	34	1.60	0.0290	0.9689
35	-0.60	0.0382	0.2863	35	-0.60	0.0136	0.0268	35	1.80	0.0171	0.9859
36	-0.50	0.0297	0.3159	36	-0.50	0.0303	0.0571	36	2.00	0.0103	0.9962
37	-0.40	0.0284	0.3444	37	-0.40	0.0572	0.1143	37	2.20	0.0023	0.9985
38	-0.30	0.0302	0.3746	38	-0.30	0.0967	0.2110	38	2.40	0.0010	0.9995
39	-0.20	0.0295	0.4041	39	-0.20	0.1357	0.3467	39	2.60	0.0004	0.9998
40	-0.10	0.0284	0.4325	40	-0.10	0.1600	0.5066	40	2.80	0.0002	1.0000
41	0.	0.0292	0.4617	41	0.	0.1480	0.6546	41	3.00	0.	1.0000
42	0.10	0.0294	0.4911	42	0.10	0.1275	0.7821	42	3.20	0.	1.0000
43	0.20	0.0297	0.5208	43	0.20	0.0885	0.8706	43	3.40	0.	1.0000
44	0.30	0.0312	0.5520	44	0.30	0.0537	0.9243	44	3.60	0.	1.0000
45	0.40	0.0288	0.5808	45	0.40	0.0342	0.9585	45	3.80	0.	1.0000
46	0.50	0.0334	0.6142	46	0.50	0.0198	0.9783	46	4.00	0.	1.0000
47	0.60	0.0379	0.6521	47	0.60	0.0114	0.9897	47	4.20	0.	1.0000
48	0.70	0.0368	0.6889	48	0.70	0.0051	0.9947	48	4.40	0.	1.0000
49	0.80	0.0366	0.7255	49	0.80	0.0017	0.9965	49	4.60	0.	1.0000
50	0.90	0.0352	0.7607	50	0.90	0.0018	0.9983	50	4.80	0.	1.0000
51	1.00	0.0342	0.7949	51	1.00	0.0011	0.9994	51	5.00	0.	1.0000
52	1.10	0.0357	0.8306	52	1.10	0.0004	0.9997	52	5.20	0.	1.0000
53	1.20	0.0336	0.8642	53	1.20	0.0001	0.9998	53	5.40	0.	1.0000
54	1.30	0.0317	0.8959	54	1.30	0.	0.9998	54	5.60	0.	1.0000
55	1.40	0.0313	0.9272	55	1.40	0.0002	1.0000	55	5.80	0.	1.0000
56	1.50	0.0216	0.9488	56	1.50	0.	1.0000	56	6.00	0.	1.0000
57	1.60	0.0180	0.9668	57	1.60	0.	1.0000	57	6.20	0.	1.0000
58	1.70	0.0140	0.9807	58	1.70	0.	1.0000	58	6.40	0.	1.0000
59	1.80	0.0071	0.9878	59	1.80	0.	1.0000	59	6.60	0.	1.0000
60	1.90	0.0056	0.9935	60	1.90	0.	1.0000	60	6.80	0.	1.0000
61	2.00	0.0038	0.9973	61	2.00	0.	1.0000	61	7.00	0.	1.0000
62	2.10	0.0018	0.9991	62	2.10	0.	1.0000				
63	2.20	0.0007	0.9998	63	2.20	0.	1.0000				
64	2.30	0.0002	1.0000	64	2.30	0.	1.0000				
65	2.40	0.	1.0000	65	2.40	0.	1.0000				
66	2.50	0.	1.0000	66	2.50	0.	1.0000				
67	2.60	0.	1.0000	67	2.60	0.	1.0000				
68	2.70	0.	1.0000	68	2.70	0.	1.0000				
69	2.80	0.	1.0000	69	2.80	0.	1.0000				
70	2.90	0.	1.0000	70	2.90	0.	1.0000				
71	3.00	0.	1.0000	71	3.00	0.	1.0000				
72	3.10	0.	1.0000	72	3.10	0.	1.0000				
73	3.20	0.	1.0000	73	3.20	0.	1.0000				
74	3.30	0.	1.0000	74	3.30	0.	1.0000				
75	3.40	0.	1.0000	75	3.40	0.	1.0000				
76	3.50	0.	1.0000	76	3.50	0.	1.0000				
77	3.60	0.	1.0000	77	3.60	0.	1.0000				
78	3.70	0.	1.0000	78	3.70	0.	1.0000				
79	3.80	0.	1.0000	79	3.80	0.	1.0000				
80	3.90	0.	1.0000	80	3.90	0.	1.0000				
81	4.00	0.	1.0000	81	4.00	0.	1.0000				

I - INTERVAL NUMBER X - INTERVAL CENTER VALUE

P(X) - PROBABILITY MASS FUNCTION F(X) - CUMULATIVE DISTRIBUTION FUNCTION

NEW LONDON CONN.

STATISTICS FOR OCTOBER

ASTRONOMICAL TIDE				STORM SURGE				TOTAL WATER LEVEL			
MEAN 0.14		STND DEV 0.93		MEAN-0.02		STND DEV 0.42		MEAN 0.11		STND DEV 1.00	
I	X	P(X)	F(X)	I	X	P(X)	F(X)	I	X	P(X)	F(X)
1	-4.00	0.	0.	1	-4.00	0.	0.	1	-5.00	0.	0.
2	-3.90	0.	0.	2	-3.90	0.	0.	2	-4.80	0.	0.
3	-3.80	0.	0.	3	-3.80	0.	0.	3	-4.60	0.	0.
4	-3.70	0.	0.	4	-3.70	0.	0.	4	-4.40	0.	0.
5	-3.60	0.	0.	5	-3.60	0.	0.	5	-4.20	0.	0.
6	-3.50	0.	0.	6	-3.50	0.	0.	6	-4.00	0.	0.
7	-3.40	0.	0.	7	-3.40	0.	0.	7	-3.80	0.	0.
8	-3.30	0.	0.	8	-3.30	0.	0.	8	-3.60	0.	0.
9	-3.20	0.	0.	9	-3.20	0.	0.	9	-3.40	0.	0.
10	-3.10	0.	0.	10	-3.10	0.	0.	10	-3.20	0.	0.
11	-3.00	0.	0.	11	-3.00	0.	0.	11	-3.00	0.	0.
12	-2.90	0.	0.	12	-2.90	0.	0.	12	-2.80	0.0001	0.0001
13	-2.80	0.	0.	13	-2.80	0.	0.	13	-2.60	0.0008	0.0009
14	-2.70	0.	0.	14	-2.70	0.	0.	14	-2.40	0.0008	0.0017
15	-2.60	0.	0.	15	-2.60	0.	0.	15	-2.20	0.0021	0.0038
16	-2.50	0.	0.	16	-2.50	0.	0.	16	-2.00	0.0068	0.0106
17	-2.40	0.	0.	17	-2.40	0.	0.	17	-1.80	0.0155	0.0260
18	-2.30	0.	0.	18	-2.30	0.	0.	18	-1.60	0.0226	0.0486
19	-2.20	0.	0.	19	-2.20	0.	0.	19	-1.40	0.0325	0.0811
20	-2.10	0.	0.	20	-2.10	0.	0.	20	-1.20	0.0459	0.1270
21	-2.00	0.0006	0.0006	21	-2.00	0.	0.	21	-1.00	0.0508	0.1778
22	-1.90	0.0015	0.0021	22	-1.90	0.	0.	22	-0.80	0.0582	0.2360
23	-1.80	0.0026	0.0047	23	-1.80	0.0002	0.0002	23	-0.60	0.0625	0.2985
24	-1.70	0.0047	0.0093	24	-1.70	0.0001	0.0003	24	-0.40	0.0663	0.3648
25	-1.60	0.0075	0.0168	25	-1.60	0.0005	0.0007	25	-0.20	0.0612	0.4260
26	-1.50	0.0101	0.0270	26	-1.50	0.0008	0.0016	26	0.	0.0671	0.4931
27	-1.40	0.0135	0.0405	27	-1.40	0.0018	0.0034	27	0.20	0.0653	0.5584
28	-1.30	0.0196	0.0601	28	-1.30	0.0013	0.0047	28	0.40	0.0666	0.6250
29	-1.20	0.0244	0.0845	29	-1.20	0.0032	0.0079	29	0.60	0.0689	0.6939
30	-1.10	0.0323	0.1169	30	-1.10	0.0026	0.0105	30	0.80	0.0692	0.7631
31	-1.00	0.0316	0.1485	31	-1.00	0.0050	0.0155	31	1.00	0.0634	0.8265
32	-0.90	0.0365	0.1849	32	-0.90	0.0050	0.0206	32	1.20	0.0529	0.8794
33	-0.80	0.0347	0.2196	33	-0.80	0.0084	0.0289	33	1.40	0.0398	0.9192
34	-0.70	0.0338	0.2535	34	-0.70	0.0155	0.0445	34	1.60	0.0323	0.9515
35	-0.60	0.0319	0.2854	35	-0.60	0.0284	0.0729	35	1.80	0.0185	0.9700
36	-0.50	0.0311	0.3165	36	-0.50	0.0481	0.1210	36	2.00	0.0122	0.9821
37	-0.40	0.0321	0.3486	37	-0.40	0.0690	0.1900	37	2.20	0.0084	0.9906
38	-0.30	0.0286	0.3772	38	-0.30	0.0914	0.2813	38	2.40	0.0046	0.9951
39	-0.20	0.0289	0.4061	39	-0.20	0.1017	0.3830	39	2.60	0.0023	0.9974
40	-0.10	0.0309	0.4371	40	-0.10	0.1061	0.4891	40	2.80	0.0012	0.9986
41	0.	0.0269	0.4640	41	0.	0.1088	0.5979	41	3.00	0.0009	0.9995
42	0.10	0.0310	0.4949	42	0.10	0.0975	0.6954	42	3.20	0.0002	0.9997
43	0.20	0.0294	0.5244	43	0.20	0.0804	0.7757	43	3.40	0.0002	0.9998
44	0.30	0.0304	0.5547	44	0.30	0.0623	0.8381	44	3.60	0.0001	0.9999
45	0.40	0.0319	0.5866	45	0.40	0.0463	0.8843	45	3.80	0.0001	1.0000
46	0.50	0.0321	0.6187	46	0.50	0.0355	0.9198	46	4.00	0.	1.0000
47	0.60	0.0343	0.6530	47	0.60	0.0249	0.9447	47	4.20	0.	1.0000
48	0.70	0.0387	0.6917	48	0.70	0.0197	0.9644	48	4.40	0.	1.0000
49	0.80	0.0397	0.7313	49	0.80	0.0127	0.9770	49	4.60	0.	1.0000
50	0.90	0.0376	0.7690	50	0.90	0.0076	0.9846	50	4.80	0.	1.0000
51	1.00	0.0398	0.8087	51	1.00	0.0042	0.9888	51	5.00	0.	1.0000
52	1.10	0.0348	0.8435	52	1.10	0.0022	0.9911	52	5.20	0.	1.0000
53	1.20	0.0345	0.8780	53	1.20	0.0018	0.9929	53	5.40	0.	1.0000
54	1.30	0.0269	0.9049	54	1.30	0.0013	0.9942	54	5.60	0.	1.0000
55	1.40	0.0234	0.9283	55	1.40	0.0011	0.9953	55	5.80	0.	1.0000
56	1.50	0.0199	0.9481	56	1.50	0.0009	0.9962	56	6.00	0.	1.0000
57	1.60	0.0165	0.9646	57	1.60	0.0011	0.9973	57	6.20	0.	1.0000
58	1.70	0.0097	0.9742	58	1.70	0.0007	0.9980	58	6.40	0.	1.0000
59	1.80	0.0075	0.9817	59	1.80	0.0005	0.9985	59	6.60	0.	1.0000
60	1.90	0.0059	0.9876	60	1.90	0.0003	0.9988	60	6.80	0.	1.0000
61	2.00	0.0044	0.9919	61	2.00	0.0005	0.9993	61	7.00	0.	1.0000
62	2.10	0.0042	0.9961	62	2.10	0.0003	0.9997				
63	2.20	0.0019	0.9979	63	2.20	0.0002	0.9998				
64	2.30	0.0017	0.9996	64	2.30	0.0002	1.0000				
65	2.40	0.0004	1.0000	65	2.40	0.	1.0000				
66	2.50	0.	1.0000	66	2.50	0.	1.0000				
67	2.60	0.	1.0000	67	2.60	0.	1.0000				
68	2.70	0.	1.0000	68	2.70	0.	1.0000				
69	2.80	0.	1.0000	69	2.80	0.	1.0000				
70	2.90	0.	1.0000	70	2.90	0.	1.0000				
71	3.00	0.	1.0000	71	3.00	0.	1.0000				
72	3.10	0.	1.0000	72	3.10	0.	1.0000				
73	3.20	0.	1.0000	73	3.20	0.	1.0000				
74	3.30	0.	1.0000	74	3.30	0.	1.0000				
75	3.40	0.	1.0000	75	3.40	0.	1.0000				
76	3.50	0.	1.0000	76	3.50	0.	1.0000				
77	3.60	0.	1.0000	77	3.60	0.	1.0000				
78	3.70	0.	1.0000	78	3.70	0.	1.0000				
79	3.80	0.	1.0000	79	3.80	0.	1.0000				
80	3.90	0.	1.0000	80	3.90	0.	1.0000				
81	4.00	0.	1.0000	81	4.00	0.	1.0000				

I - INTERVAL NUMBER X - INTERVAL CENTER VALUE

P(X) - PROBABILITY MASS FUNCTION F(X) - CUMULATIVE DISTRIBUTION FUNCTION

NEW LONDON CONN.

STATISTICS FOR NOVEMBER

ASTRONOMICAL TIDE				STOPM SURGE				TOTAL WATER LEVEL			
MEAN 0.04		STND DEV 0.93		MEAN 0.04		STND DEV 0.57		MEAN 0.08		STND DEV 1.08	
I	X	P(X)	F(X)	I	X	P(X)	F(X)	I	X	P(X)	F(X)
1	-4.00	0.	0.	1	-4.00	0.	0.	1	-5.00	0.	0.
2	-3.90	0.	0.	2	-3.90	0.	0.	2	-4.80	0.	0.
3	-3.80	0.	0.	3	-3.80	0.	0.	3	-4.60	0.	0.
4	-3.70	0.	0.	4	-3.70	0.	0.	4	-4.40	0.	0.
5	-3.60	0.	0.	5	-3.60	0.	0.	5	-4.20	0.	0.
6	-3.50	0.	0.	6	-3.50	0.	0.	6	-4.00	0.	0.
7	-3.40	0.	0.	7	-3.40	0.	0.	7	-3.80	0.	0.
8	-3.30	0.	0.	8	-3.30	0.	0.	8	-3.60	0.	0.
9	-3.20	0.	0.	9	-3.20	0.	0.	9	-3.40	0.0002	0.0002
10	-3.10	0.	0.	10	-3.10	0.	0.	10	-3.20	0.0006	0.0008
11	-3.00	0.	0.	11	-3.00	0.	0.	11	-3.00	0.0006	0.0014
12	-2.90	0.	0.	12	-2.90	0.	0.	12	-2.80	0.0010	0.0024
13	-2.80	0.	0.	13	-2.80	0.	0.	13	-2.60	0.0014	0.0038
14	-2.70	0.	0.	14	-2.70	0.	0.	14	-2.40	0.0034	0.0072
15	-2.60	0.	0.	15	-2.60	0.	0.	15	-2.20	0.0067	0.0139
16	-2.50	0.	0.	16	-2.50	0.	0.	16	-2.00	0.0112	0.0250
17	-2.40	0.	0.	17	-2.40	0.	0.	17	-1.80	0.0199	0.0449
18	-2.30	0.	0.	18	-2.30	0.0001	0.0001	18	-1.60	0.0257	0.0706
19	-2.20	0.	0.	19	-2.20	0.0001	0.0002	19	-1.40	0.0339	0.1045
20	-2.10	0.0003	0.0003	20	-2.10	0.0003	0.0005	20	-1.20	0.0472	0.1517
21	-2.00	0.0020	0.0023	21	-2.00	0.0004	0.0010	21	-1.00	0.0499	0.2015
22	-1.90	0.0030	0.0053	22	-1.90	0.0003	0.0013	22	-0.80	0.0572	0.2587
23	-1.80	0.0043	0.0096	23	-1.80	0.0005	0.0018	23	-0.60	0.0568	0.3155
24	-1.70	0.0071	0.0167	24	-1.70	0.0017	0.0036	24	-0.40	0.0615	0.3770
25	-1.60	0.0082	0.0248	25	-1.60	0.0012	0.0048	25	-0.20	0.0639	0.4409
26	-1.50	0.0137	0.0385	26	-1.50	0.0020	0.0068	26	0.	0.0615	0.5024
27	-1.40	0.0204	0.0589	27	-1.40	0.0027	0.0095	27	0.20	0.0648	0.5672
28	-1.30	0.0247	0.0837	28	-1.30	0.0018	0.0113	28	0.40	0.0648	0.6320
29	-1.20	0.0313	0.1149	29	-1.20	0.0039	0.0153	29	0.60	0.0690	0.7010
30	-1.10	0.0338	0.1488	30	-1.10	0.0050	0.0202	30	0.80	0.0666	0.7676
31	-1.00	0.0369	0.1857	31	-1.00	0.0083	0.0285	31	1.00	0.0586	0.8262
32	-0.90	0.0344	0.2201	32	-0.90	0.0136	0.0421	32	1.20	0.0452	0.8713
33	-0.80	0.0316	0.2517	33	-0.80	0.0178	0.0599	33	1.40	0.0372	0.9086
34	-0.70	0.0321	0.2838	34	-0.70	0.0230	0.0829	34	1.60	0.0267	0.9352
35	-0.60	0.0333	0.3170	35	-0.60	0.0334	0.1163	35	1.80	0.0208	0.9561
36	-0.50	0.0302	0.3472	36	-0.50	0.0445	0.1607	36	2.00	0.0160	0.9720
37	-0.40	0.0270	0.3742	37	-0.40	0.0488	0.2096	37	2.20	0.0114	0.9834
38	-0.30	0.0312	0.4054	38	-0.30	0.0615	0.2711	38	2.40	0.0067	0.9902
39	-0.20	0.0299	0.4352	39	-0.20	0.0786	0.3497	39	2.60	0.0031	0.9932
40	-0.10	0.0295	0.4648	40	-0.10	0.0933	0.4430	40	2.80	0.0024	0.9956
41	0.	0.0285	0.4932	41	0.	0.0910	0.5340	41	3.00	0.0011	0.9968
42	0.10	0.0284	0.5216	42	0.10	0.1001	0.6341	42	3.20	0.0007	0.9975
43	0.20	0.0301	0.5517	43	0.20	0.0764	0.7104	43	3.40	0.0006	0.9981
44	0.30	0.0353	0.5871	44	0.30	0.0590	0.7694	44	3.60	0.0004	0.9985
45	0.40	0.0298	0.6168	45	0.40	0.0471	0.8165	45	3.80	0.0005	0.9990
46	0.50	0.0334	0.6503	46	0.50	0.0352	0.8517	46	4.00	0.0004	0.9995
47	0.60	0.0393	0.6896	47	0.60	0.0311	0.8828	47	4.20	0.0001	0.9996
48	0.70	0.0414	0.7310	48	0.70	0.0240	0.9068	48	4.40	0.0001	0.9997
49	0.80	0.0431	0.7741	49	0.80	0.0186	0.9254	49	4.60	0.0002	0.9998
50	0.90	0.0402	0.8142	50	0.90	0.0169	0.9423	50	4.80	0.0002	1.0000
51	1.00	0.0369	0.8511	51	1.00	0.0112	0.9535	51	5.00	0.	1.0000
52	1.10	0.0290	0.8801	52	1.10	0.0103	0.9638	52	5.20	0.	1.0000
53	1.20	0.0247	0.9048	53	1.20	0.0081	0.9719	53	5.40	0.	1.0000
54	1.30	0.0204	0.9252	54	1.30	0.0069	0.9788	54	5.60	0.	1.0000
55	1.40	0.0159	0.9411	55	1.40	0.0038	0.9826	55	5.80	0.	1.0000
56	1.50	0.0137	0.9548	56	1.50	0.0031	0.9858	56	6.00	0.	1.0000
57	1.60	0.0112	0.9660	57	1.60	0.0026	0.9884	57	6.20	0.	1.0000
58	1.70	0.0086	0.9746	58	1.70	0.0020	0.9904	58	6.40	0.	1.0000
59	1.80	0.0072	0.9818	59	1.80	0.0020	0.9924	59	6.60	0.	1.0000
60	1.90	0.0056	0.9873	60	1.90	0.0017	0.9941	60	6.80	0.	1.0000
61	2.00	0.0045	0.9918	61	2.00	0.0005	0.9946	61	7.00	0.	1.0000
62	2.10	0.0040	0.9958	62	2.10	0.0013	0.9959				
63	2.20	0.0026	0.9984	63	2.20	0.0005	0.9964				
64	2.30	0.0012	0.9997	64	2.30	0.0006	0.9970				
65	2.40	0.0003	1.0000	65	2.40	0.0003	0.9974				
66	2.50	0.	1.0000	66	2.50	0.0005	0.9979				
67	2.60	0.	1.0000	67	2.60	0.0002	0.9981				
68	2.70	0.	1.0000	68	2.70	0.0007	0.9988				
69	2.80	0.	1.0000	69	2.80	0.0002	0.9990				
70	2.90	0.	1.0000	70	2.90	0.	0.9990				
71	3.00	0.	1.0000	71	3.00	0.0002	0.9991				
72	3.10	0.	1.0000	72	3.10	0.0002	0.9993				
73	3.20	0.	1.0000	73	3.20	0.0001	0.9994				
74	3.30	0.	1.0000	74	3.30	0.	0.9994				
75	3.40	0.	1.0000	75	3.40	0.0003	0.9997				
76	3.50	0.	1.0000	76	3.50	0.	0.9997				
77	3.60	0.	1.0000	77	3.60	0.	0.9997				
78	3.70	0.	1.0000	78	3.70	0.	0.9997				
79	3.80	0.	1.0000	79	3.80	0.	0.9997				
80	3.90	0.	1.0000	80	3.90	0.0001	0.9997				
81	4.00	0.	1.0000	81	4.00	0.	0.9997				

I - INTERVAL NUMBER X - INTERVAL CENTER VALUE

P(X) - PROBABILITY MASS FUNCTION F(X) - CUMULATIVE DISTRIBUTION FUNCTION

NEW LONDON CONN.

STATISTICS FOR DECEMBER

ASTRONOMICAL TIDE				STORM SURGE				TOTAL WATER LEVEL			
MEAN-0.11		STND DEV 0.93		MEAN-0.04		STND DEV 0.65		MEAN-0.15		STND DEV 1.12	
I	X	P(X)	F(X)	I	X	P(X)	F(X)	I	X	P(X)	F(X)
1	-4.00	0.	0.	1	-4.00	0.	0.	1	-5.00	0.	0.
2	-3.90	0.	0.	2	-3.90	0.	0.	2	-4.80	0.	0.
3	-3.80	0.	0.	3	-3.80	0.	0.	3	-4.60	0.0001	0.0001
4	-3.70	0.	0.	4	-3.70	0.	0.	4	-4.40	0.0001	0.0002
5	-3.60	0.	0.	5	-3.60	0.	0.	5	-4.20	0.	0.0002
6	-3.50	0.	0.	6	-3.50	0.	0.	6	-4.00	0.0003	0.0004
7	-3.40	0.	0.	7	-3.40	0.	0.	7	-3.80	0.0003	0.0008
8	-3.30	0.	0.	8	-3.30	0.	0.	8	-3.60	0.	0.0008
9	-3.20	0.	0.	9	-3.20	0.	0.	9	-3.40	0.0005	0.0013
10	-3.10	0.	0.	10	-3.10	0.	0.	10	-3.20	0.0006	0.0019
11	-3.00	0.	0.	11	-3.00	0.0003	0.0003	11	-3.00	0.0017	0.0035
12	-2.90	0.	0.	12	-2.90	0.	0.0003	12	-2.80	0.0029	0.0065
13	-2.80	0.	0.	13	-2.80	0.0003	0.0006	13	-2.60	0.0055	0.0120
14	-2.70	0.	0.	14	-2.70	0.	0.0006	14	-2.40	0.0082	0.0202
15	-2.60	0.	0.	15	-2.60	0.0001	0.0007	15	-2.20	0.0149	0.0350
16	-2.50	0.	0.	16	-2.50	0.0004	0.0011	16	-2.00	0.0219	0.0570
17	-2.40	0.	0.	17	-2.40	0.0003	0.0013	17	-1.80	0.0271	0.0841
18	-2.30	0.	0.	18	-2.30	0.0004	0.0018	18	-1.60	0.0367	0.1208
19	-2.20	0.0003	0.0003	19	-2.20	0.0006	0.0024	19	-1.40	0.0466	0.1674
20	-2.10	0.0024	0.0028	20	-2.10	0.0008	0.0031	20	-1.20	0.0488	0.2162
21	-2.00	0.0033	0.0061	21	-2.00	0.0013	0.0044	21	-1.00	0.0554	0.2717
22	-1.90	0.0051	0.0112	22	-1.90	0.0022	0.0066	22	-0.80	0.0597	0.3314
23	-1.80	0.0066	0.0178	23	-1.80	0.0016	0.0082	23	-0.60	0.0602	0.3916
24	-1.70	0.0108	0.0286	24	-1.70	0.0020	0.0102	24	-0.40	0.0605	0.4520
25	-1.60	0.0169	0.0455	25	-1.60	0.0046	0.0148	25	-0.20	0.0631	0.5151
26	-1.50	0.0226	0.0680	26	-1.50	0.0042	0.0190	26	0.	0.0642	0.5793
27	-1.40	0.0274	0.0954	27	-1.40	0.0051	0.0241	27	0.20	0.0626	0.6419
28	-1.30	0.0322	0.1276	28	-1.30	0.0059	0.0300	28	0.40	0.0636	0.7055
29	-1.20	0.0406	0.1682	29	-1.20	0.0087	0.0387	29	0.60	0.0602	0.7656
30	-1.10	0.0349	0.2030	30	-1.10	0.0124	0.0512	30	0.80	0.0544	0.8200
31	-1.00	0.0347	0.2377	31	-1.00	0.0172	0.0684	31	1.00	0.0434	0.8634
32	-0.90	0.0335	0.2712	32	-0.90	0.0200	0.0884	32	1.20	0.0372	0.9006
33	-0.80	0.0338	0.3050	33	-0.80	0.0255	0.1139	33	1.40	0.0305	0.9311
34	-0.70	0.0306	0.3356	34	-0.70	0.0318	0.1457	34	1.60	0.0245	0.9556
35	-0.60	0.0271	0.3627	35	-0.60	0.0368	0.1825	35	1.80	0.0147	0.9703
36	-0.50	0.0314	0.3942	36	-0.50	0.0489	0.2314	36	2.00	0.0104	0.9807
37	-0.40	0.0271	0.4213	37	-0.40	0.0608	0.2922	37	2.20	0.0071	0.9877
38	-0.30	0.0300	0.4513	38	-0.30	0.0686	0.3607	38	2.40	0.0049	0.9926
39	-0.20	0.0280	0.4793	39	-0.20	0.0733	0.4341	39	2.60	0.0027	0.9953
40	-0.10	0.0308	0.5100	40	-0.10	0.0684	0.5024	40	2.80	0.0013	0.9966
41	0.	0.0315	0.5415	41	0.	0.0789	0.5813	41	3.00	0.0017	0.9982
42	0.10	0.0293	0.5708	42	0.10	0.0694	0.6507	42	3.20	0.0010	0.9992
43	0.20	0.0305	0.6013	43	0.20	0.0602	0.7109	43	3.40	0.0004	0.9997
44	0.30	0.0361	0.6374	44	0.30	0.0512	0.7620	44	3.60	0.0001	0.9998
45	0.40	0.0349	0.6723	45	0.40	0.0425	0.8045	45	3.80	0.0002	0.9999
46	0.50	0.0381	0.7104	46	0.50	0.0376	0.8422	46	4.00	0.	0.9999
47	0.60	0.0455	0.7559	47	0.60	0.0334	0.8755	47	4.20	0.0001	1.0000
48	0.70	0.0379	0.7938	48	0.70	0.0272	0.9027	48	4.40	0.	1.0000
49	0.80	0.0386	0.8323	49	0.80	0.0218	0.9245	49	4.60	0.	1.0000
50	0.90	0.0297	0.8620	50	0.90	0.0144	0.9388	50	4.80	0.	1.0000
51	1.00	0.0290	0.8910	51	1.00	0.0124	0.9513	51	5.00	0.	1.0000
52	1.10	0.0218	0.9127	52	1.10	0.0093	0.9606	52	5.20	0.	1.0000
53	1.20	0.0176	0.9303	53	1.20	0.0073	0.9679	53	5.40	0.	1.0000
54	1.30	0.0161	0.9464	54	1.30	0.0076	0.9756	54	5.60	0.	1.0000
55	1.40	0.0135	0.9599	55	1.40	0.0049	0.9804	55	5.80	0.	1.0000
56	1.50	0.0109	0.9708	56	1.50	0.0040	0.9845	56	6.00	0.	1.0000
57	1.60	0.0094	0.9803	57	1.60	0.0040	0.9884	57	6.20	0.	1.0000
58	1.70	0.0050	0.9852	58	1.70	0.0025	0.9909	58	6.40	0.	1.0000
59	1.80	0.0062	0.9914	59	1.80	0.0027	0.9936	59	6.60	0.	1.0000
60	1.90	0.0029	0.9943	60	1.90	0.0015	0.9951	60	6.80	0.	1.0000
61	2.00	0.0035	0.9978	61	2.00	0.0014	0.9966	61	7.00	0.	1.0000
62	2.10	0.0013	0.9991	62	2.10	0.0005	0.9971				
63	2.20	0.0008	0.9999	63	2.20	0.0005	0.9976				
64	2.30	0.0001	1.0000	64	2.30	0.0009	0.9985				
65	2.40	0.	1.0000	65	2.40	0.0006	0.9991				
66	2.50	0.	1.0000	66	2.50	0.0001	0.9992				
67	2.60	0.	1.0000	67	2.60	0.0004	0.9996				
68	2.70	0.	1.0000	68	2.70	0.0002	0.9998				
69	2.80	0.	1.0000	69	2.80	0.	0.9998				
70	2.90	0.	1.0000	70	2.90	0.0001	0.9998				
71	3.00	0.	1.0000	71	3.00	0.0001	0.9999				
72	3.10	0.	1.0000	72	3.10	0.0001	1.0000				
73	3.20	0.	1.0000	73	3.20	0.	1.0000				
74	3.30	0.	1.0000	74	3.30	0.	1.0000				
75	3.40	0.	1.0000	75	3.40	0.	1.0000				
76	3.50	0.	1.0000	76	3.50	0.	1.0000				
77	3.60	0.	1.0000	77	3.60	0.	1.0000				
78	3.70	0.	1.0000	78	3.70	0.	1.0000				
79	3.80	0.	1.0000	79	3.80	0.	1.0000				
80	3.90	0.	1.0000	80	3.90	0.	1.0000				
81	4.00	0.	1.0000	81	4.00	0.	1.0000				

I - INTERVAL NUMBER X - INTERVAL CENTER VALUE

P(X) - PROBABILITY MASS FUNCTION F(X) - CUMULATIVE DISTRIBUTION FUNCTION

MONTAUK PT. N.Y.

YEARLY STATISTICS

ASTRONOMICAL TIDE				STORM SURGE				TOTAL WATER LEVEL			
MEAN 0.00		STND DEV 0.75		MEAN 0.00		STND DEV 0.47		MEAN 0.02		STND DEV 0.87	
I	X	P(X)	F(X)	I	X	P(X)	F(X)	I	X	P(X)	F(X)
1	-4.00	0.	0.	1	-4.00	0.	0.	1	-6.00	0.	0.
2	-3.90	0.	0.	2	-3.90	0.	0.	2	-5.80	0.	0.
3	-3.80	0.	0.	3	-3.80	0.	0.	3	-5.60	0.	0.
4	-3.70	0.	0.	4	-3.70	0.	0.	4	-5.40	0.	0.
5	-3.60	0.	0.	5	-3.60	0.	0.	5	-5.20	0.	0.
6	-3.50	0.	0.	6	-3.50	0.	0.	6	-5.00	0.	0.
7	-3.40	0.	0.	7	-3.40	0.	0.	7	-4.80	0.	0.
8	-3.30	0.	0.	8	-3.30	0.	0.	8	-4.60	0.	0.
9	-3.20	0.	0.	9	-3.20	0.	0.	9	-4.40	0.	0.
10	-3.10	0.	0.	10	-3.10	0.	0.	10	-4.20	0.	0.
11	-3.00	0.	0.	11	-3.00	0.	0.	11	-4.00	0.	0.
12	-2.90	0.	0.	12	-2.90	0.	0.	12	-3.80	0.0000	0.0000
13	-2.80	0.	0.	13	-2.80	0.0000	0.0000	13	-3.60	0.0000	0.0000
14	-2.70	0.	0.	14	-2.70	0.0000	0.0000	14	-3.40	0.0001	0.0001
15	-2.60	0.	0.	15	-2.60	0.0000	0.0001	15	-3.20	0.0001	0.0002
16	-2.50	0.	0.	16	-2.50	0.0000	0.0001	16	-3.00	0.0002	0.0003
17	-2.40	0.	0.	17	-2.40	0.0001	0.0001	17	-2.80	0.0004	0.0007
18	-2.30	0.	0.	18	-2.30	0.0002	0.0003	18	-2.60	0.0009	0.0016
19	-2.20	0.	0.	19	-2.20	0.0002	0.0005	19	-2.40	0.0015	0.0030
20	-2.10	0.	0.	20	-2.10	0.0003	0.0008	20	-2.20	0.0028	0.0058
21	-2.00	0.0000	0.0000	21	-2.00	0.0003	0.0011	21	-2.00	0.0052	0.0110
22	-1.90	0.0004	0.0005	22	-1.90	0.0006	0.0017	22	-1.80	0.0093	0.0203
23	-1.80	0.0014	0.0018	23	-1.80	0.0008	0.0025	23	-1.60	0.0150	0.0353
24	-1.70	0.0030	0.0048	24	-1.70	0.0010	0.0035	24	-1.40	0.0241	0.0594
25	-1.60	0.0051	0.0099	25	-1.60	0.0012	0.0047	25	-1.20	0.0362	0.0955
26	-1.50	0.0078	0.0178	26	-1.50	0.0017	0.0064	26	-1.00	0.0529	0.1485
27	-1.40	0.0099	0.0277	27	-1.40	0.0019	0.0083	27	-0.80	0.0673	0.2158
28	-1.30	0.0142	0.0418	28	-1.30	0.0026	0.0109	28	-0.60	0.0764	0.2922
29	-1.20	0.0181	0.0599	29	-1.20	0.0039	0.0147	29	-0.40	0.0809	0.3731
30	-1.10	0.0247	0.0846	30	-1.10	0.0053	0.0200	30	-0.20	0.0813	0.4544
31	-1.00	0.0305	0.1151	31	-1.00	0.0073	0.0273	31	0.	0.0637	0.5321
32	-0.90	0.0346	0.1497	32	-0.90	0.0096	0.0369	32	0.20	0.0631	0.6211
33	-0.80	0.0385	0.1882	33	-0.80	0.0131	0.0500	33	0.40	0.0601	0.7012
34	-0.70	0.0403	0.2285	34	-0.70	0.0184	0.0684	34	0.60	0.0732	0.7744
35	-0.60	0.0429	0.2714	35	-0.60	0.0270	0.0954	35	0.80	0.0634	0.8378
36	-0.50	0.0426	0.3140	36	-0.50	0.0374	0.1328	36	1.00	0.0525	0.8902
37	-0.40	0.0411	0.3552	37	-0.40	0.0497	0.1824	37	1.20	0.0397	0.9300
38	-0.30	0.0405	0.3956	38	-0.30	0.0686	0.2510	38	1.40	0.0273	0.9573
39	-0.20	0.0397	0.4354	39	-0.20	0.0842	0.3353	39	1.60	0.0179	0.9752
40	-0.10	0.0390	0.4744	40	-0.10	0.1009	0.4362	40	1.80	0.0112	0.9864
41	0.	0.0395	0.5138	41	0.	0.1096	0.5458	41	2.00	0.0060	0.9924
42	0.10	0.0408	0.5546	42	0.10	0.1072	0.6530	42	2.20	0.0034	0.9957
43	0.20	0.0418	0.5963	43	0.20	0.0941	0.7471	43	2.40	0.0017	0.9974
44	0.30	0.0441	0.6404	44	0.30	0.0747	0.8217	44	2.60	0.0010	0.9984
45	0.40	0.0444	0.6849	45	0.40	0.0537	0.8755	45	2.80	0.0006	0.9990
46	0.50	0.0448	0.7297	46	0.50	0.0357	0.9112	46	3.00	0.0004	0.9994
47	0.60	0.0426	0.7723	47	0.60	0.0250	0.9362	47	3.20	0.0003	0.9997
48	0.70	0.0391	0.8113	48	0.70	0.0171	0.9533	48	3.40	0.0001	0.9998
49	0.80	0.0394	0.8507	49	0.80	0.0122	0.9655	49	3.60	0.0001	0.9999
50	0.90	0.0359	0.8866	50	0.90	0.0087	0.9743	50	3.80	0.0000	0.9999
51	1.00	0.0310	0.9176	51	1.00	0.0063	0.9806	51	4.00	0.0000	0.9999
52	1.10	0.0261	0.9437	52	1.10	0.0049	0.9855	52	4.20	0.0000	1.0000
53	1.20	0.0199	0.9636	53	1.20	0.0036	0.9890	53	4.40	0.	1.0000
54	1.30	0.0146	0.9783	54	1.30	0.0023	0.9913	54	4.60	0.0000	1.0000
55	1.40	0.0094	0.9877	55	1.40	0.0020	0.9933	55	4.80	0.0000	1.0000
56	1.50	0.0062	0.9938	56	1.50	0.0015	0.9947	56	5.00	0.0000	1.0000
57	1.60	0.0036	0.9973	57	1.60	0.0011	0.9958	57	5.20	0.	1.0000
58	1.70	0.0019	0.9994	58	1.70	0.0009	0.9967	58	5.40	0.	1.0000
59	1.80	0.0006	1.0000	59	1.80	0.0006	0.9973	59	5.60	0.	1.0000
60	1.90	0.0000	1.0000	60	1.90	0.0006	0.9979	60	5.80	0.	1.0000
61	2.00	0.	1.0000	61	2.00	0.0005	0.9985	61	6.00	0.	1.0000
62	2.10	0.	1.0000	62	2.10	0.0003	0.9988				
63	2.20	0.	1.0000	63	2.20	0.0002	0.9990				
64	2.30	0.	1.0000	64	2.30	0.0003	0.9993				
65	2.40	0.	1.0000	65	2.40	0.0001	0.9994				
66	2.50	0.	1.0000	66	2.50	0.0002	0.9996				
67	2.60	0.	1.0000	67	2.60	0.0001	0.9997				
68	2.70	0.	1.0000	68	2.70	0.0001	0.9997				
69	2.80	0.	1.0000	69	2.80	0.0001	0.9998				
70	2.90	0.	1.0000	70	2.90	0.0000	0.9998				
71	3.00	0.	1.0000	71	3.00	0.0001	0.9999				
72	3.10	0.	1.0000	72	3.10	0.0000	0.9999				
73	3.20	0.	1.0000	73	3.20	0.0000	0.9999				
74	3.30	0.	1.0000	74	3.30	0.0000	0.9999				
75	3.40	0.	1.0000	75	3.40	0.0000	1.0000				
76	3.50	0.	1.0000	76	3.50	0.	1.0000				
77	3.60	0.	1.0000	77	3.60	0.0000	1.0000				
78	3.70	0.	1.0000	78	3.70	0.0000	1.0000				
79	3.80	0.	1.0000	79	3.80	0.0000	1.0000				
80	3.90	0.	1.0000	80	3.90	0.0000	1.0000				
81	4.00	0.	1.0000	81	4.00	0.	1.0000				

I - INTERVAL NUMBER X - INTERVAL CENTER VALUE

P(X) - PROBABILITY MASS FUNCTION F(X) - CUMULATIVE DISTRIBUTION FUNCTION

MONTAUK PT. N.Y.

STATISTICS FOR JANUARY

ASTRONOMICAL TIDE				STORM SURGE				TOTAL WATER LEVEL			
MEAN 0.00		STND DEV 0.75		MEAN-0.12		STND DEV 0.62		MEAN-0.10		STND DEV 0.96	
I	X	P(X)	F(X)	I	X	P(X)	F(X)	I	X	P(X)	F(X)
1	-4.00	0.	0.	1	-4.00	0.	0.	1	-6.00	0.	0.
2	-3.90	0.	0.	2	-3.90	0.	0.	2	-5.80	0.	0.
3	-3.80	0.	0.	3	-3.80	0.	0.	3	-5.60	0.	0.
4	-3.70	0.	0.	4	-3.70	0.	0.	4	-5.40	0.	0.
5	-3.60	0.	0.	5	-3.60	0.	0.	5	-5.20	0.	0.
6	-3.50	0.	0.	6	-3.50	0.	0.	6	-5.00	0.	0.
7	-3.40	0.	0.	7	-3.40	0.	0.	7	-4.80	0.	0.
8	-3.30	0.	0.	8	-3.30	0.	0.	8	-4.60	0.	0.
9	-3.20	0.	0.	9	-3.20	0.	0.	9	-4.40	0.	0.
10	-3.10	0.	0.	10	-3.10	0.	0.	10	-4.20	0.	0.
11	-3.00	0.	0.	11	-3.00	0.	0.	11	-4.00	0.	0.
12	-2.90	0.	0.	12	-2.90	0.	0.	12	-3.80	0.	0.
13	-2.80	0.	0.	13	-2.80	0.	0.	13	-3.60	0.0001	0.0001
14	-2.70	0.	0.	14	-2.70	0.	0.	14	-3.40	0.0002	0.0002
15	-2.60	0.	0.	15	-2.60	0.	0.	15	-3.20	0.0002	0.0005
16	-2.50	0.	0.	16	-2.50	0.0001	0.0001	16	-3.00	0.0003	0.0008
17	-2.40	0.	0.	17	-2.40	0.0002	0.0003	17	-2.80	0.0009	0.0017
18	-2.30	0.	0.	18	-2.30	0.0006	0.0009	18	-2.60	0.0018	0.0034
19	-2.20	0.	0.	19	-2.20	0.0006	0.0015	19	-2.40	0.0043	0.0077
20	-2.10	0.	0.	20	-2.10	0.0006	0.0021	20	-2.20	0.0072	0.0150
21	-2.00	0.	0.	21	-2.00	0.0008	0.0029	21	-2.00	0.0118	0.0267
22	-1.90	0.	0.	22	-1.90	0.0013	0.0042	22	-1.80	0.0184	0.0451
23	-1.80	0.0002	0.0002	23	-1.80	0.0017	0.0059	23	-1.60	0.0259	0.0710
24	-1.70	0.0014	0.0017	24	-1.70	0.0027	0.0086	24	-1.40	0.0336	0.1046
25	-1.60	0.0042	0.0059	25	-1.60	0.0025	0.0111	25	-1.20	0.0487	0.1532
26	-1.50	0.0064	0.0123	26	-1.50	0.0046	0.0157	26	-1.00	0.0580	0.2112
27	-1.40	0.0093	0.0215	27	-1.40	0.0060	0.0218	27	-0.80	0.0635	0.2747
28	-1.30	0.0126	0.0341	28	-1.30	0.0077	0.0295	28	-0.60	0.0749	0.3496
29	-1.20	0.0204	0.0545	29	-1.20	0.0111	0.0406	29	-0.40	0.0780	0.4276
30	-1.10	0.0236	0.0780	30	-1.10	0.0135	0.0541	30	-0.20	0.0775	0.5051
31	-1.00	0.0314	0.1094	31	-1.00	0.0192	0.0733	31	0.	0.0765	0.5816
32	-0.90	0.0346	0.1441	32	-0.90	0.0274	0.1008	32	0.20	0.0771	0.6587
33	-0.80	0.0428	0.1868	33	-0.80	0.0346	0.1353	33	0.40	0.0693	0.7280
34	-0.70	0.0441	0.2310	34	-0.70	0.0434	0.1788	34	0.60	0.0609	0.7889
35	-0.60	0.0459	0.2769	35	-0.60	0.0489	0.2277	35	0.80	0.0550	0.8438
36	-0.50	0.0429	0.3197	36	-0.50	0.0567	0.2844	36	1.00	0.0448	0.8886
37	-0.40	0.0418	0.3616	37	-0.40	0.0608	0.3452	37	1.20	0.0374	0.9260
38	-0.30	0.0406	0.4022	38	-0.30	0.0705	0.4156	38	1.40	0.0265	0.9524
39	-0.20	0.0385	0.4407	39	-0.20	0.0725	0.4882	39	1.60	0.0167	0.9692
40	-0.10	0.0411	0.4818	40	-0.10	0.0751	0.5632	40	1.80	0.0132	0.9824
41	0.	0.0386	0.5204	41	0.	0.0709	0.6341	41	2.00	0.0066	0.9890
42	0.10	0.0436	0.5640	42	0.10	0.0647	0.6988	42	2.20	0.0038	0.9928
43	0.20	0.0450	0.6090	43	0.20	0.0542	0.7530	43	2.40	0.0027	0.9955
44	0.30	0.0426	0.6516	44	0.30	0.0495	0.8025	44	2.60	0.0019	0.9974
45	0.40	0.0426	0.6943	45	0.40	0.0390	0.8414	45	2.80	0.0014	0.9988
46	0.50	0.0400	0.7343	46	0.50	0.0325	0.8740	46	3.00	0.0006	0.9994
47	0.60	0.0358	0.7701	47	0.60	0.0270	0.9010	47	3.20	0.0003	0.9997
48	0.70	0.0353	0.8053	48	0.70	0.0224	0.9234	48	3.40	0.0002	0.9999
49	0.80	0.0402	0.8456	49	0.80	0.0170	0.9404	49	3.60	0.0001	1.0000
50	0.90	0.0372	0.8828	50	0.90	0.0151	0.9556	50	3.80	0.	1.0000
51	1.00	0.0298	0.9126	51	1.00	0.0107	0.9663	51	4.00	0.	1.0000
52	1.10	0.0271	0.9397	52	1.10	0.0093	0.9756	52	4.20	0.	1.0000
53	1.20	0.0190	0.9587	53	1.20	0.0064	0.9820	53	4.40	0.	1.0000
54	1.30	0.0160	0.9746	54	1.30	0.0036	0.9856	54	4.60	0.	1.0000
55	1.40	0.0101	0.9847	55	1.40	0.0023	0.9879	55	4.80	0.	1.0000
56	1.50	0.0072	0.9919	56	1.50	0.0020	0.9899	56	5.00	0.	1.0000
57	1.60	0.0045	0.9964	57	1.60	0.0014	0.9913	57	5.20	0.	1.0000
58	1.70	0.0029	0.9994	58	1.70	0.0006	0.9920	58	5.40	0.	1.0000
59	1.80	0.0006	1.0000	59	1.80	0.0014	0.9933	59	5.60	0.	1.0000
60	1.90	0.	1.0000	60	1.90	0.0024	0.9957	60	5.80	0.	1.0000
61	2.00	0.	1.0000	61	2.00	0.0014	0.9971	61	6.00	0.	1.0000
62	2.10	0.	1.0000	62	2.10	0.0008	0.9979				
63	2.20	0.	1.0000	63	2.20	0.0005	0.9984				
64	2.30	0.	1.0000	64	2.30	0.0005	0.9989				
65	2.40	0.	1.0000	65	2.40	0.0002	0.9991				
66	2.50	0.	1.0000	66	2.50	0.0001	0.9992				
67	2.60	0.	1.0000	67	2.60	0.0001	0.9993				
68	2.70	0.	1.0000	68	2.70	0.0002	0.9995				
69	2.80	0.	1.0000	69	2.80	0.0002	0.9998				
70	2.90	0.	1.0000	70	2.90	0.0001	0.9998				
71	3.00	0.	1.0000	71	3.00	0.0002	1.0000				
72	3.10	0.	1.0000	72	3.10	0.	1.0000				
73	3.20	0.	1.0000	73	3.20	0.	1.0000				
74	3.30	0.	1.0000	74	3.30	0.	1.0000				
75	3.40	0.	1.0000	75	3.40	0.	1.0000				
76	3.50	0.	1.0000	76	3.50	0.	1.0000				
77	3.60	0.	1.0000	77	3.60	0.	1.0000				
78	3.70	0.	1.0000	78	3.70	0.	1.0000				
79	3.80	0.	1.0000	79	3.80	0.	1.0000				
80	3.90	0.	1.0000	80	3.90	0.	1.0000				
81	4.00	0.	1.0000	81	4.00	0.	1.0000				

I - INTERVAL NUMBER X - INTERVAL CENTER VALUE

P(X) - PROBABILITY MASS FUNCTION F(X) - CUMULATIVE DISTRIBUTION FUNCTION

MONTAUK PT. N.Y.

STATISTICS FOR FEBRUARY

ASTRONOMICAL TIDE				STORM SURGE				TOTAL WATER LEVEL			
MEAN-0.00		STND DEV 0.75		MEAN-0.21		STND DEV 0.57		MEAN-0.19		STND DEV 0.93	
I	X	P(X)	F(X)	I	X	P(X)	F(X)	I	X	P(X)	F(X)
1	-4.00	0.	0.	1	-4.00	0.	0.	1	-6.00	0.	0.
2	-3.90	0.	0.	2	-3.90	0.	0.	2	-5.60	0.	0.
3	-3.80	0.	0.	3	-3.80	0.	0.	3	-5.60	0.	0.
4	-3.70	0.	0.	4	-3.70	0.	0.	4	-5.40	0.	0.
5	-3.60	0.	0.	5	-3.60	0.	0.	5	-5.20	0.	0.
6	-3.50	0.	0.	6	-3.50	0.	0.	6	-5.00	0.	0.
7	-3.40	0.	0.	7	-3.40	0.	0.	7	-4.80	0.	0.
8	-3.30	0.	0.	8	-3.30	0.	0.	8	-4.60	0.	0.
9	-3.20	0.	0.	9	-3.20	0.	0.	9	-4.40	0.	0.
10	-3.10	0.	0.	10	-3.10	0.	0.	10	-4.20	0.	0.
11	-3.00	0.	0.	11	-3.00	0.	0.	11	-4.00	0.	0.
12	-2.90	0.	0.	12	-2.90	0.	0.	12	-3.80	0.0001	0.0001
13	-2.80	0.	0.	13	-2.80	0.	0.	13	-3.60	0.0001	0.0002
14	-2.70	0.	0.	14	-2.70	0.0001	0.0001	14	-3.40	0.0002	0.0004
15	-2.60	0.	0.	15	-2.60	0.0002	0.0003	15	-3.20	0.0003	0.0007
16	-2.50	0.	0.	16	-2.50	0.0002	0.0005	16	-3.00	0.0003	0.0010
17	-2.40	0.	0.	17	-2.40	0.0004	0.0009	17	-2.80	0.0008	0.0019
18	-2.30	0.	0.	18	-2.30	0.0003	0.0012	18	-2.60	0.0021	0.0039
19	-2.20	0.	0.	19	-2.20	0.	0.0012	19	-2.40	0.0032	0.0071
20	-2.10	0.	0.	20	-2.10	0.0012	0.0025	20	-2.20	0.0072	0.0143
21	-2.00	0.	0.	21	-2.00	0.0016	0.0040	21	-2.00	0.0141	0.0285
22	-1.90	0.	0.	22	-1.90	0.0008	0.0049	22	-1.80	0.0192	0.0477
23	-1.80	0.0008	0.0008	23	-1.80	0.0024	0.0072	23	-1.60	0.0293	0.0769
24	-1.70	0.0030	0.0037	24	-1.70	0.0031	0.0103	24	-1.40	0.0379	0.1148
25	-1.60	0.0059	0.0097	25	-1.60	0.0058	0.0161	25	-1.20	0.0491	0.1639
26	-1.50	0.0082	0.0178	26	-1.50	0.0052	0.0213	26	-1.00	0.0668	0.2307
27	-1.40	0.0103	0.0282	27	-1.40	0.0064	0.0276	27	-0.80	0.0772	0.3079
28	-1.30	0.0138	0.0420	28	-1.30	0.0084	0.0360	28	-0.60	0.0770	0.3849
29	-1.20	0.0168	0.0588	29	-1.20	0.0122	0.0482	29	-0.40	0.0765	0.4614
30	-1.10	0.0233	0.0821	30	-1.10	0.0162	0.0644	30	-0.20	0.0795	0.5409
31	-1.00	0.0286	0.1106	31	-1.00	0.0180	0.0823	31	0.	0.0823	0.6233
32	-0.90	0.0374	0.1481	32	-0.90	0.0238	0.1061	32	0.20	0.0717	0.6949
33	-0.80	0.0371	0.1852	33	-0.80	0.0335	0.1397	33	0.40	0.0674	0.7623
34	-0.70	0.0418	0.2270	34	-0.70	0.0400	0.1797	34	0.60	0.0624	0.8247
35	-0.60	0.0473	0.2742	35	-0.60	0.0652	0.2448	35	0.80	0.0482	0.8728
36	-0.50	0.0447	0.3190	36	-0.50	0.0699	0.3148	36	1.00	0.0439	0.9168
37	-0.40	0.0426	0.3615	37	-0.40	0.0788	0.3936	37	1.20	0.0308	0.9476
38	-0.30	0.0383	0.3998	38	-0.30	0.0797	0.4733	38	1.40	0.0196	0.9672
39	-0.20	0.0394	0.4392	39	-0.20	0.0736	0.5469	39	1.60	0.0143	0.9815
40	-0.10	0.0390	0.4782	40	-0.10	0.0764	0.6234	40	1.80	0.0075	0.9891
41	0.	0.0371	0.5154	41	0.	0.0657	0.6890	41	2.00	0.0043	0.9934
42	0.10	0.0456	0.5610	42	0.10	0.0646	0.7536	42	2.20	0.0032	0.9966
43	0.20	0.0425	0.6034	43	0.20	0.0587	0.8123	43	2.40	0.0013	0.9979
44	0.30	0.0454	0.6488	44	0.30	0.0506	0.8629	44	2.60	0.0001	0.9980
45	0.40	0.0418	0.6906	45	0.40	0.0388	0.9017	45	2.80	0.0005	0.9986
46	0.50	0.0379	0.7285	46	0.50	0.0272	0.9289	46	3.00	0.0003	0.9989
47	0.60	0.0380	0.7666	47	0.60	0.0224	0.9513	47	3.20	0.0007	0.9996
48	0.70	0.0341	0.8006	48	0.70	0.0128	0.9641	48	3.40	0.0001	0.9997
49	0.80	0.0378	0.8385	49	0.80	0.0084	0.9725	49	3.60	0.0001	0.9998
50	0.90	0.0379	0.8764	50	0.90	0.0051	0.9775	50	3.80	0.0001	0.9999
51	1.00	0.0364	0.9127	51	1.00	0.0045	0.9821	51	4.00	0.	0.9999
52	1.10	0.0299	0.9427	52	1.10	0.0035	0.9856	52	4.20	0.0001	1.0000
53	1.20	0.0214	0.9641	53	1.20	0.0030	0.9886	53	4.40	0.	1.0000
54	1.30	0.0171	0.9812	54	1.30	0.0014	0.9900	54	4.60	0.	1.0000
55	1.40	0.0091	0.9902	55	1.40	0.0014	0.9914	55	4.80	0.	1.0000
56	1.50	0.0059	0.9962	56	1.50	0.0021	0.9935	56	5.00	0.	1.0000
57	1.60	0.0028	0.9989	57	1.60	0.0009	0.9944	57	5.20	0.	1.0000
58	1.70	0.0009	0.9998	58	1.70	0.0012	0.9957	58	5.40	0.	1.0000
59	1.80	0.0002	1.0000	59	1.80	0.0010	0.9967	59	5.60	0.	1.0000
60	1.90	0.	1.0000	60	1.90	0.0005	0.9972	60	5.80	0.	1.0000
61	2.00	0.	1.0000	61	2.00	0.0007	0.9979	61	6.00	0.	1.0000
62	2.10	0.	1.0000	62	2.10	0.0002	0.9981				
63	2.20	0.	1.0000	63	2.20	0.0001	0.9983				
64	2.30	0.	1.0000	64	2.30	0.0007	0.9990				
65	2.40	0.	1.0000	65	2.40	0.0002	0.9992				
66	2.50	0.	1.0000	66	2.50	0.0003	0.9995				
67	2.60	0.	1.0000	67	2.60	0.0003	0.9998				
68	2.70	0.	1.0000	68	2.70	0.0001	0.9999				
69	2.80	0.	1.0000	69	2.80	0.	0.9999				
70	2.90	0.	1.0000	70	2.90	0.	0.9999				
71	3.00	0.	1.0000	71	3.00	0.	0.9999				
72	3.10	0.	1.0000	72	3.10	0.0001	1.0000				
73	3.20	0.	1.0000	73	3.20	0.	1.0000				
74	3.30	0.	1.0000	74	3.30	0.	1.0000				
75	3.40	0.	1.0000	75	3.40	0.	1.0000				
76	3.50	0.	1.0000	76	3.50	0.	1.0000				
77	3.60	0.	1.0000	77	3.60	0.	1.0000				
78	3.70	0.	1.0000	78	3.70	0.	1.0000				
79	3.80	0.	1.0000	79	3.80	0.	1.0000				
80	3.90	0.	1.0000	80	3.90	0.	1.0000				
81	4.00	0.	1.0000	81	4.00	0.	1.0000				

I - INTERVAL NUMBER X - INTERVAL CENTER VALUE

P(X) - PROBABILITY MASS FUNCTION F(X) - CUMULATIVE DISTRIBUTION FUNCTION

MONTAUK PT. N.Y.

STATISTICS FOR MARCH

ASTRONOMICAL TIDE				STORM SURGE				TOTAL WATER LEVEL			
MEAN 0.00		STND DEV 0.75		MEAN-0.06		STND DEV 0.58		MEAN-0.04		STND DEV 0.93	
I	X	P(X)	F(X)	I	X	P(X)	F(X)	I	X	P(X)	F(X)
1	-4.00	0.	0.	1	-4.00	0.	0.	1	-6.00	0.	0.
2	-3.90	0.	0.	2	-3.90	0.	0.	2	-5.80	0.	0.
3	-3.80	0.	0.	3	-3.80	0.	0.	3	-5.60	0.	0.
4	-3.70	0.	0.	4	-3.70	0.	0.	4	-5.40	0.	0.
5	-3.60	0.	0.	5	-3.60	0.	0.	5	-5.20	0.	0.
6	-3.50	0.	0.	6	-3.50	0.	0.	6	-5.00	0.	0.
7	-3.40	0.	0.	7	-3.40	0.	0.	7	-4.80	0.	0.
8	-3.30	0.	0.	8	-3.30	0.	0.	8	-4.60	0.	0.
9	-3.20	0.	0.	9	-3.20	0.	0.	9	-4.40	0.	0.
10	-3.10	0.	0.	10	-3.10	0.	0.	10	-4.20	0.	0.
11	-3.00	0.	0.	11	-3.00	0.	0.	11	-4.00	0.	0.
12	-2.90	0.	0.	12	-2.90	0.	0.	12	-3.80	0.	0.
13	-2.80	0.	0.	13	-2.80	0.	0.	13	-3.60	0.	0.
14	-2.70	0.	0.	14	-2.70	0.	0.	14	-3.40	0.0001	0.0001
15	-2.60	0.	0.	15	-2.60	0.	0.	15	-3.20	0.0001	0.0002
16	-2.50	0.	0.	16	-2.50	0.	0.	16	-3.00	0.0003	0.0005
17	-2.40	0.	0.	17	-2.40	0.	0.	17	-2.80	0.0015	0.0020
18	-2.30	0.	0.	18	-2.30	0.0001	0.0001	18	-2.60	0.0017	0.0037
19	-2.20	0.	0.	19	-2.20	0.0007	0.0008	19	-2.40	0.0019	0.0056
20	-2.10	0.	0.	20	-2.10	0.0007	0.0015	20	-2.20	0.0056	0.0112
21	-2.00	0.	0.	21	-2.00	0.0009	0.0024	21	-2.00	0.0094	0.0206
22	-1.90	0.0006	0.0006	22	-1.90	0.0019	0.0043	22	-1.80	0.0146	0.0352
23	-1.80	0.0018	0.0024	23	-1.80	0.0024	0.0067	23	-1.60	0.0223	0.0573
24	-1.70	0.0038	0.0062	24	-1.70	0.0022	0.0089	24	-1.40	0.0302	0.0877
25	-1.60	0.0063	0.0124	25	-1.60	0.0016	0.0105	25	-1.20	0.0379	0.1256
26	-1.50	0.0078	0.0202	26	-1.50	0.0028	0.0133	26	-1.00	0.0562	0.1818
27	-1.40	0.0094	0.0297	27	-1.40	0.0034	0.0167	27	-0.80	0.0656	0.2474
28	-1.30	0.0137	0.0433	28	-1.30	0.0042	0.0209	28	-0.60	0.0741	0.3214
29	-1.20	0.0155	0.0588	29	-1.20	0.0068	0.0276	29	-0.40	0.0753	0.3968
30	-1.10	0.0245	0.0833	30	-1.10	0.0082	0.0358	30	-0.20	0.0814	0.4782
31	-1.00	0.0315	0.1148	31	-1.00	0.0133	0.0491	31	0.	0.0814	0.5596
32	-0.90	0.0342	0.1490	32	-0.90	0.0180	0.0671	32	0.20	0.0756	0.6352
33	-0.80	0.0394	0.1884	33	-0.80	0.0218	0.0889	33	0.40	0.0756	0.7107
34	-0.70	0.0374	0.2258	34	-0.70	0.0294	0.1183	34	0.60	0.0676	0.7783
35	-0.60	0.0419	0.2677	35	-0.60	0.0406	0.1588	35	0.80	0.0641	0.8425
36	-0.50	0.0448	0.3125	36	-0.50	0.0509	0.2097	36	1.00	0.0468	0.8893
37	-0.40	0.0409	0.3534	37	-0.40	0.0627	0.2724	37	1.20	0.0398	0.9290
38	-0.30	0.0440	0.3975	38	-0.30	0.0812	0.3536	38	1.40	0.0271	0.9562
39	-0.20	0.0353	0.4327	39	-0.20	0.0829	0.4364	39	1.60	0.0173	0.9735
40	-0.10	0.0392	0.4719	40	-0.10	0.0818	0.5182	40	1.80	0.0106	0.9840
41	0.	0.0414	0.5133	41	0.	0.0810	0.5991	41	2.00	0.0064	0.9904
42	0.10	0.0408	0.5541	42	0.10	0.0802	0.6794	42	2.20	0.0036	0.9940
43	0.20	0.0402	0.5942	43	0.20	0.0697	0.7491	43	2.40	0.0018	0.9957
44	0.30	0.0441	0.6384	44	0.30	0.0575	0.8066	44	2.60	0.0007	0.9964
45	0.40	0.0467	0.6851	45	0.40	0.0478	0.8544	45	2.80	0.0009	0.9973
46	0.50	0.0418	0.7269	46	0.50	0.0338	0.8882	46	3.00	0.0008	0.9981
47	0.60	0.0395	0.7664	47	0.60	0.0248	0.9129	47	3.20	0.0003	0.9984
48	0.70	0.0370	0.8034	48	0.70	0.0191	0.9321	48	3.40	0.0003	0.9987
49	0.80	0.0367	0.8401	49	0.80	0.0151	0.9471	49	3.60	0.0006	0.9993
50	0.90	0.0399	0.8799	50	0.90	0.0106	0.9578	50	3.80	0.0002	0.9995
51	1.00	0.0391	0.9190	51	1.00	0.0089	0.9667	51	4.00	0.0002	0.9998
52	1.10	0.0335	0.9525	52	1.10	0.0066	0.9733	52	4.20	0.0002	1.0000
53	1.20	0.0220	0.9745	53	1.20	0.0046	0.9779	53	4.40	0.	1.0000
54	1.30	0.0115	0.9859	54	1.30	0.0037	0.9815	54	4.60	0.	1.0000
55	1.40	0.0086	0.9945	55	1.40	0.0033	0.9848	55	4.80	0.	1.0000
56	1.50	0.0040	0.9985	56	1.50	0.0029	0.9877	56	5.00	0.	1.0000
57	1.60	0.0014	0.9999	57	1.60	0.0020	0.9897	57	5.20	0.	1.0000
58	1.70	0.0001	1.0000	58	1.70	0.0016	0.9913	58	5.40	0.	1.0000
59	1.80	0.	1.0000	59	1.80	0.0010	0.9922	59	5.60	0.	1.0000
60	1.90	0.	1.0000	60	1.90	0.0009	0.9931	60	5.80	0.	1.0000
61	2.00	0.	1.0000	61	2.00	0.0010	0.9941	61	6.00	0.	1.0000
62	2.10	0.	1.0000	62	2.10	0.0013	0.9954				
63	2.20	0.	1.0000	63	2.20	0.0006	0.9960				
64	2.30	0.	1.0000	64	2.30	0.0010	0.9971				
65	2.40	0.	1.0000	65	2.40	0.0004	0.9975				
66	2.50	0.	1.0000	66	2.50	0.0009	0.9983				
67	2.60	0.	1.0000	67	2.60	0.0003	0.9986				
68	2.70	0.	1.0000	68	2.70	0.0005	0.9991				
69	2.80	0.	1.0000	69	2.80	0.0005	0.9996				
70	2.90	0.	1.0000	70	2.90	0.0002	0.9998				
71	3.00	0.	1.0000	71	3.00	0.0002	1.0000				
72	3.10	0.	1.0000	72	3.10	0.	1.0000				
73	3.20	0.	1.0000	73	3.20	0.	1.0000				
74	3.30	0.	1.0000	74	3.30	0.	1.0000				
75	3.40	0.	1.0000	75	3.40	0.	1.0000				
76	3.50	0.	1.0000	76	3.50	0.	1.0000				
77	3.60	0.	1.0000	77	3.60	0.	1.0000				
78	3.70	0.	1.0000	78	3.70	0.	1.0000				
79	3.80	0.	1.0000	79	3.80	0.	1.0000				
80	3.90	0.	1.0000	80	3.90	0.	1.0000				
81	4.00	0.	1.0000	81	4.00	0.	1.0000				

I - INTERVAL NUMBER X - INTERVAL CENTER VALUE

P(X) - PROBABILITY MASS FUNCTION F(X) - CUMULATIVE DISTRIBUTION FUNCTION

MONTAUK PT. N.Y.

STATISTICS FOR APRIL

ASTRONOMICAL TIDE				STORM SURGE				TOTAL WATER LEVEL			
MEAN 0.00		STND DEV 0.75		MEAN-0.06		STND DEV 0.46		MEAN-0.04		STND DEV 0.86	
I	X	P(X)	F(X)	I	X	P(X)	F(X)	I	X	P(X)	F(X)
1	-4.00	0.	0.	1	-4.00	0.	0.	1	-6.00	0.	0.
2	-3.90	0.	0.	2	-3.90	0.	0.	2	-5.80	0.	0.
3	-3.80	0.	0.	3	-3.80	0.	0.	3	-5.60	0.	0.
4	-3.70	0.	0.	4	-3.70	0.	0.	4	-5.40	0.	0.
5	-3.60	0.	0.	5	-3.60	0.	0.	5	-5.20	0.	0.
6	-3.50	0.	0.	6	-3.50	0.	0.	6	-5.00	0.	0.
7	-3.40	0.	0.	7	-3.40	0.	0.	7	-4.80	0.	0.
8	-3.30	0.	0.	8	-3.30	0.	0.	8	-4.60	0.	0.
9	-3.20	0.	0.	9	-3.20	0.	0.	9	-4.40	0.	0.
10	-3.10	0.	0.	10	-3.10	0.	0.	10	-4.20	0.	0.
11	-3.00	0.	0.	11	-3.00	0.	0.	11	-4.00	0.	0.
12	-2.90	0.	0.	12	-2.90	0.	0.	12	-3.80	0.	0.
13	-2.80	0.	0.	13	-2.80	0.	0.	13	-3.60	0.	0.
14	-2.70	0.	0.	14	-2.70	0.	0.	14	-3.40	0.	0.
15	-2.60	0.	0.	15	-2.60	0.	0.	15	-3.20	0.	0.
16	-2.50	0.	0.	16	-2.50	0.	0.	16	-3.00	0.	0.
17	-2.40	0.	0.	17	-2.40	0.	0.	17	-2.80	0.0002	0.0002
18	-2.30	0.	0.	18	-2.30	0.	0.	18	-2.60	0.0011	0.0013
19	-2.20	0.	0.	19	-2.20	0.	0.	19	-2.40	0.0013	0.0025
20	-2.10	0.	0.	20	-2.10	0.	0.	20	-2.20	0.0026	0.0051
21	-2.00	0.0001	0.0001	21	-2.00	0.	0.	21	-2.00	0.0058	0.0109
22	-1.90	0.0012	0.0013	22	-1.90	0.0002	0.0002	22	-1.80	0.0098	0.0207
23	-1.80	0.0021	0.0034	23	-1.80	0.0004	0.0006	23	-1.60	0.0157	0.0364
24	-1.70	0.0042	0.0076	24	-1.70	0.0002	0.0008	24	-1.40	0.0277	0.0641
25	-1.60	0.0056	0.0132	25	-1.60	0.0004	0.0013	25	-1.20	0.0417	0.1058
26	-1.50	0.0083	0.0214	26	-1.50	0.0012	0.0024	26	-1.00	0.0558	0.1616
27	-1.40	0.0099	0.0313	27	-1.40	0.0005	0.0030	27	-0.80	0.0733	0.2348
28	-1.30	0.0141	0.0454	28	-1.30	0.0010	0.0039	28	-0.60	0.0748	0.3096
29	-1.20	0.0192	0.0646	29	-1.20	0.0013	0.0053	29	-0.40	0.0819	0.3914
30	-1.10	0.0235	0.0882	30	-1.10	0.0039	0.0092	30	-0.20	0.0847	0.4761
31	-1.00	0.0316	0.1198	31	-1.00	0.0056	0.0147	31	0.	0.0874	0.5635
32	-0.90	0.0308	0.1506	32	-0.90	0.0098	0.0245	32	0.20	0.0877	0.6512
33	-0.80	0.0370	0.1876	33	-0.80	0.0120	0.0365	33	0.40	0.0819	0.7331
34	-0.70	0.0373	0.2249	34	-0.70	0.0265	0.0630	34	0.60	0.0721	0.8052
35	-0.60	0.0401	0.2650	35	-0.60	0.0440	0.1069	35	0.80	0.0585	0.8637
36	-0.50	0.0409	0.3059	36	-0.50	0.0696	0.1765	36	1.00	0.0449	0.9085
37	-0.40	0.0431	0.3490	37	-0.40	0.0808	0.2573	37	1.20	0.0329	0.9414
38	-0.30	0.0406	0.3896	38	-0.30	0.0956	0.3530	38	1.40	0.0215	0.9628
39	-0.20	0.0402	0.4298	39	-0.20	0.0980	0.4509	39	1.60	0.0146	0.9774
40	-0.10	0.0368	0.4667	40	-0.10	0.0982	0.5491	40	1.80	0.0093	0.9868
41	0.	0.0412	0.5078	41	0.	0.0918	0.6409	41	2.00	0.0053	0.9921
42	0.10	0.0384	0.5462	42	0.10	0.0819	0.7228	42	2.20	0.0029	0.9950
43	0.20	0.0415	0.5877	43	0.20	0.0625	0.7853	43	2.40	0.0022	0.9972
44	0.30	0.0442	0.6318	44	0.30	0.0497	0.8350	44	2.60	0.0010	0.9982
45	0.40	0.0442	0.6760	45	0.40	0.0450	0.8800	45	2.80	0.0013	0.9995
46	0.50	0.0489	0.7249	46	0.50	0.0369	0.9169	46	3.00	0.0004	0.9998
47	0.60	0.0458	0.7708	47	0.60	0.0240	0.9409	47	3.20	0.0002	1.0000
48	0.70	0.0408	0.8116	48	0.70	0.0145	0.9554	48	3.40	0.	1.0000
49	0.80	0.0417	0.8532	49	0.80	0.0096	0.9651	49	3.60	0.	1.0000
50	0.90	0.0396	0.8928	50	0.90	0.0068	0.9719	50	3.80	0.	1.0000
51	1.00	0.0313	0.9241	51	1.00	0.0057	0.9776	51	4.00	0.	1.0000
52	1.10	0.0267	0.9507	52	1.10	0.0049	0.9825	52	4.20	0.	1.0000
53	1.20	0.0192	0.9699	53	1.20	0.0044	0.9869	53	4.40	0.	1.0000
54	1.30	0.0137	0.9836	54	1.30	0.0031	0.9900	54	4.60	0.	1.0000
55	1.40	0.0065	0.9901	55	1.40	0.0036	0.9936	55	4.80	0.	1.0000
56	1.50	0.0051	0.9952	56	1.50	0.0016	0.9953	56	5.00	0.	1.0000
57	1.60	0.0032	0.9984	57	1.60	0.0012	0.9964	57	5.20	0.	1.0000
58	1.70	0.0015	0.9999	58	1.70	0.0010	0.9975	58	5.40	0.	1.0000
59	1.80	0.0001	1.0000	59	1.80	0.0007	0.9982	59	5.60	0.	1.0000
60	1.90	0.	1.0000	60	1.90	0.0007	0.9990	60	5.80	0.	1.0000
61	2.00	0.	1.0000	61	2.00	0.0004	0.9993	61	6.00	0.	1.0000
62	2.10	0.	1.0000	62	2.10	0.0002	0.9995				
63	2.20	0.	1.0000	63	2.20	0.0001	0.9996				
64	2.30	0.	1.0000	64	2.30	0.0002	0.9998				
65	2.40	0.	1.0000	65	2.40	0.0002	0.9999				
66	2.50	0.	1.0000	66	2.50	0.0001	1.0000				
67	2.60	0.	1.0000	67	2.60	0.	1.0000				
68	2.70	0.	1.0000	68	2.70	0.	1.0000				
69	2.80	0.	1.0000	69	2.80	0.	1.0000				
70	2.90	0.	1.0000	70	2.90	0.	1.0000				
71	3.00	0.	1.0000	71	3.00	0.	1.0000				
72	3.10	0.	1.0000	72	3.10	0.	1.0000				
73	3.20	0.	1.0000	73	3.20	0.	1.0000				
74	3.30	0.	1.0000	74	3.30	0.	1.0000				
75	3.40	0.	1.0000	75	3.40	0.	1.0000				
76	3.50	0.	1.0000	76	3.50	0.	1.0000				
77	3.60	0.	1.0000	77	3.60	0.	1.0000				
78	3.70	0.	1.0000	78	3.70	0.	1.0000				
79	3.80	0.	1.0000	79	3.80	0.	1.0000				
80	3.90	0.	1.0000	80	3.90	0.	1.0000				
81	4.00	0.	1.0000	81	4.00	0.	1.0000				

I - INTERVAL NUMBER X - INTERVAL CENTER VALUE

P(X) - PROBABILITY MASS FUNCTION F(X) - CUMULATIVE DISTRIBUTION FUNCTION

MONTAUK PT. N.Y.

STATISTICS FOR MAY

ASTRONOMICAL TIDE				STORM SURGE				TOTAL WATER LEVEL			
MEAN 0.00		STND DEV 0.75		MEAN 0.01		STND DEV 0.35		MEAN 0.03		STND DEV 0.80	
I	X	P(X)	F(X)	I	X	P(X)	F(X)	I	X	P(X)	F(X)
1	-4.00	0.	0.	1	-4.00	0.	0.	1	-6.00	0.	0.
2	-3.90	0.	0.	2	-3.90	0.	0.	2	-5.80	0.	0.
3	-3.80	0.	0.	3	-3.80	0.	0.	3	-5.60	0.	0.
4	-3.70	0.	0.	4	-3.70	0.	0.	4	-5.40	0.	0.
5	-3.60	0.	0.	5	-3.60	0.	0.	5	-5.20	0.	0.
6	-3.50	0.	0.	6	-3.50	0.	0.	6	-5.00	0.	0.
7	-3.40	0.	0.	7	-3.40	0.	0.	7	-4.80	0.	0.
8	-3.30	0.	0.	8	-3.30	0.	0.	8	-4.60	0.	0.
9	-3.20	0.	0.	9	-3.20	0.	0.	9	-4.40	0.	0.
10	-3.10	0.	0.	10	-3.10	0.	0.	10	-4.20	0.	0.
11	-3.00	0.	0.	11	-3.00	0.	0.	11	-4.00	0.	0.
12	-2.90	0.	0.	12	-2.90	0.	0.	12	-3.80	0.	0.
13	-2.80	0.	0.	13	-2.80	0.	0.	13	-3.60	0.	0.
14	-2.70	0.	0.	14	-2.70	0.	0.	14	-3.40	0.	0.
15	-2.60	0.	0.	15	-2.60	0.	0.	15	-3.20	0.	0.
16	-2.50	0.	0.	16	-2.50	0.	0.	16	-3.00	0.	0.
17	-2.40	0.	0.	17	-2.40	0.	0.	17	-2.80	0.	0.
18	-2.30	0.	0.	18	-2.30	0.	0.	18	-2.60	0.0001	0.0001
19	-2.20	0.	0.	19	-2.20	0.	0.	19	-2.40	0.0003	0.0004
20	-2.10	0.	0.	20	-2.10	0.	0.	20	-2.20	0.0006	0.0010
21	-2.00	0.	0.	21	-2.00	0.	0.	21	-2.00	0.0022	0.0032
22	-1.90	0.0007	0.0007	22	-1.90	0.	0.	22	-1.80	0.0052	0.0084
23	-1.80	0.0020	0.0027	23	-1.80	0.	0.	23	-1.60	0.0099	0.0183
24	-1.70	0.0030	0.0057	24	-1.70	0.	0.	24	-1.40	0.0207	0.0390
25	-1.60	0.0054	0.0111	25	-1.60	0.	0.	25	-1.20	0.0365	0.0754
26	-1.50	0.0090	0.0201	26	-1.50	0.	0.	26	-1.00	0.0540	0.1294
27	-1.40	0.0102	0.0302	27	-1.40	0.	0.	27	-0.80	0.0695	0.1989
28	-1.30	0.0145	0.0448	28	-1.30	0.0003	0.0003	28	-0.60	0.0800	0.2789
29	-1.20	0.0187	0.0635	29	-1.20	0.0003	0.0007	29	-0.40	0.0840	0.3629
30	-1.10	0.0261	0.0896	30	-1.10	0.0001	0.0008	30	-0.20	0.0826	0.4455
31	-1.00	0.0289	0.1185	31	-1.00	0.0005	0.0013	31	0.	0.0894	0.5349
32	-0.90	0.0344	0.1530	32	-0.90	0.0022	0.0035	32	0.20	0.0912	0.6261
33	-0.80	0.0360	0.1889	33	-0.80	0.0052	0.0087	33	0.40	0.0865	0.7126
34	-0.70	0.0388	0.2277	34	-0.70	0.0115	0.0202	34	0.60	0.0811	0.7937
35	-0.60	0.0393	0.2671	35	-0.60	0.0236	0.0437	35	0.80	0.0627	0.8564
36	-0.50	0.0402	0.3073	36	-0.50	0.0378	0.0815	36	1.00	0.0503	0.9066
37	-0.40	0.0426	0.3499	37	-0.40	0.0583	0.1398	37	1.20	0.0328	0.9395
38	-0.30	0.0405	0.3904	38	-0.30	0.0853	0.2251	38	1.40	0.0236	0.9630
39	-0.20	0.0417	0.4320	39	-0.20	0.1032	0.3293	39	1.60	0.0174	0.9804
40	-0.10	0.0356	0.4677	40	-0.10	0.1177	0.4469	40	1.80	0.0095	0.9899
41	0.	0.0411	0.5087	41	0.	0.1125	0.5594	41	2.00	0.0054	0.9953
42	0.10	0.0392	0.5479	42	0.10	0.1064	0.6658	42	2.20	0.0026	0.9979
43	0.20	0.0412	0.5891	43	0.20	0.0983	0.7641	43	2.40	0.0010	0.9989
44	0.30	0.0423	0.6315	44	0.30	0.0865	0.8506	44	2.60	0.0005	0.9994
45	0.40	0.0437	0.6752	45	0.40	0.0568	0.9074	45	2.80	0.0001	0.9995
46	0.50	0.0507	0.7258	46	0.50	0.0384	0.9458	46	3.00	0.0003	0.9997
47	0.60	0.0518	0.7776	47	0.60	0.0191	0.9649	47	3.20	0.0001	0.9998
48	0.70	0.0480	0.8255	48	0.70	0.0133	0.9782	48	3.40	0.0001	0.9999
49	0.80	0.0388	0.8643	49	0.80	0.0087	0.9868	49	3.60	0.0001	1.0000
50	0.90	0.0305	0.8948	50	0.90	0.0045	0.9913	50	3.80	0.	1.0000
51	1.00	0.0255	0.9204	51	1.00	0.0026	0.9939	51	4.00	0.	1.0000
52	1.10	0.0205	0.9409	52	1.10	0.0013	0.9952	52	4.20	0.	1.0000
53	1.20	0.0182	0.9590	53	1.20	0.0012	0.9963	53	4.40	0.	1.0000
54	1.30	0.0150	0.9740	54	1.30	0.0009	0.9972	54	4.60	0.	1.0000
55	1.40	0.0097	0.9837	55	1.40	0.0007	0.9979	55	4.80	0.	1.0000
56	1.50	0.0082	0.9919	56	1.50	0.0005	0.9984	56	5.00	0.	1.0000
57	1.60	0.0050	0.9969	57	1.60	0.0007	0.9991	57	5.20	0.	1.0000
58	1.70	0.0023	0.9992	58	1.70	0.0005	0.9996	58	5.40	0.	1.0000
59	1.80	0.0008	1.0000	59	1.80	0.0001	0.9997	59	5.60	0.	1.0000
60	1.90	0.	1.0000	60	1.90	0.0002	0.9998	60	5.80	0.	1.0000
61	2.00	0.	1.0000	61	2.00	0.	0.9998	61	6.00	0.	1.0000
62	2.10	0.	1.0000	62	2.10	0.0001	0.9999				
63	2.20	0.	1.0000	63	2.20	0.	0.9999				
64	2.30	0.	1.0000	64	2.30	0.0001	1.0000				
65	2.40	0.	1.0000	65	2.40	0.	1.0000				
66	2.50	0.	1.0000	66	2.50	0.	1.0000				
67	2.60	0.	1.0000	67	2.60	0.	1.0000				
68	2.70	0.	1.0000	68	2.70	0.	1.0000				
69	2.80	0.	1.0000	69	2.80	0.	1.0000				
70	2.90	0.	1.0000	70	2.90	0.	1.0000				
71	3.00	0.	1.0000	71	3.00	0.	1.0000				
72	3.10	0.	1.0000	72	3.10	0.	1.0000				
73	3.20	0.	1.0000	73	3.20	0.	1.0000				
74	3.30	0.	1.0000	74	3.30	0.	1.0000				
75	3.40	0.	1.0000	75	3.40	0.	1.0000				
76	3.50	0.	1.0000	76	3.50	0.	1.0000				
77	3.60	0.	1.0000	77	3.60	0.	1.0000				
78	3.70	0.	1.0000	78	3.70	0.	1.0000				
79	3.80	0.	1.0000	79	3.80	0.	1.0000				
80	3.90	0.	1.0000	80	3.90	0.	1.0000				
81	4.00	0.	1.0000	81	4.00	0.	1.0000				

I - INTERVAL NUMBER X - INTERVAL CENTER VALUE

P(X) - PROBABILITY MASS FUNCTION F(X) - CUMULATIVE DISTRIBUTION FUNCTION

MONTAUK PT. N.Y.

STATISTICS FOR JUNE

ASTRONOMICAL TIDE				STORM SURGE				TOTAL WATER LEVEL			
MEAN-0.00		STND DEV 0.75		MEAN 0.05		STND DEV 0.26		MEAN 0.07		STND DEV 0.78	
I	X	P(X)	F(X)	I	X	P(X)	F(X)	I	X	P(X)	F(X)
1	-4.00	0.	0.	1	-4.00	0.	0.	1	-6.00	0.	0.
2	-3.90	0.	0.	2	-3.90	0.	0.	2	-5.80	0.	0.
3	-3.80	0.	0.	3	-3.80	0.	0.	3	-5.60	0.	0.
4	-3.70	0.	0.	4	-3.70	0.	0.	4	-5.40	0.	0.
5	-3.60	0.	0.	5	-3.60	0.	0.	5	-5.20	0.	0.
6	-3.50	0.	0.	6	-3.50	0.	0.	6	-5.00	0.	0.
7	-3.40	0.	0.	7	-3.40	0.	0.	7	-4.80	0.	0.
8	-3.30	0.	0.	8	-3.30	0.	0.	8	-4.60	0.	0.
9	-3.20	0.	0.	9	-3.20	0.	0.	9	-4.40	0.	0.
10	-3.10	0.	0.	10	-3.10	0.	0.	10	-4.20	0.	0.
11	-3.00	0.	0.	11	-3.00	0.	0.	11	-4.00	0.	0.
12	-2.90	0.	0.	12	-2.90	0.	0.	12	-3.80	0.	0.
13	-2.80	0.	0.	13	-2.80	0.	0.	13	-3.60	0.	0.
14	-2.70	0.	0.	14	-2.70	0.	0.	14	-3.40	0.	0.
15	-2.60	0.	0.	15	-2.60	0.	0.	15	-3.20	0.	0.
16	-2.50	0.	0.	16	-2.50	0.	0.	16	-3.00	0.	0.
17	-2.40	0.	0.	17	-2.40	0.	0.	17	-2.80	0.	0.
18	-2.30	0.	0.	18	-2.30	0.	0.	18	-2.60	0.	0.
19	-2.20	0.	0.	19	-2.20	0.	0.	19	-2.40	0.	0.
20	-2.10	0.	0.	20	-2.10	0.	0.	20	-2.20	0.	0.
21	-2.00	0.	0.	21	-2.00	0.	0.	21	-2.00	0.0009	0.0009
22	-1.90	0.0001	0.0001	22	-1.90	0.	0.	22	-1.80	0.0037	0.0046
23	-1.80	0.0009	0.0010	23	-1.80	0.	0.	23	-1.60	0.0073	0.0119
24	-1.70	0.0024	0.0034	24	-1.70	0.	0.	24	-1.40	0.0147	0.0267
25	-1.60	0.0045	0.0078	25	-1.60	0.	0.	25	-1.20	0.0306	0.0572
26	-1.50	0.0063	0.0141	26	-1.50	0.	0.	26	-1.00	0.0485	0.1058
27	-1.40	0.0107	0.0248	27	-1.40	0.	0.	27	-0.80	0.0722	0.1779
28	-1.30	0.0158	0.0406	28	-1.30	0.	0.	28	-0.60	0.0800	0.2580
29	-1.20	0.0182	0.0588	29	-1.20	0.	0.	29	-0.40	0.0898	0.3478
30	-1.10	0.0251	0.0839	30	-1.10	0.	0.	30	-0.20	0.0825	0.4303
31	-1.00	0.0305	0.1144	31	-1.00	0.	0.	31	0.	0.0833	0.5135
32	-0.90	0.0360	0.1503	32	-0.90	0.	0.	32	0.20	0.0905	0.6040
33	-0.80	0.0365	0.1869	33	-0.80	0.0004	0.0004	33	0.40	0.0892	0.6933
34	-0.70	0.0429	0.2297	34	-0.70	0.0012	0.0017	34	0.60	0.0835	0.7768
35	-0.60	0.0434	0.2731	35	-0.60	0.0034	0.0051	35	0.80	0.0669	0.8437
36	-0.50	0.0447	0.3178	36	-0.50	0.0116	0.0166	36	1.00	0.0572	0.9008
37	-0.40	0.0393	0.3571	37	-0.40	0.0290	0.0456	37	1.20	0.0389	0.9397
38	-0.30	0.0409	0.3980	38	-0.30	0.0643	0.1099	38	1.40	0.0284	0.9681
39	-0.20	0.0399	0.4379	39	-0.20	0.1033	0.2132	39	1.60	0.0151	0.9832
40	-0.10	0.0389	0.4768	40	-0.10	0.1443	0.3575	40	1.80	0.0087	0.9919
41	0.	0.0397	0.5165	41	0.	0.1583	0.5158	41	2.00	0.0056	0.9974
42	0.10	0.0388	0.5553	42	0.10	0.1552	0.6710	42	2.20	0.0018	0.9993
43	0.20	0.0422	0.5975	43	0.20	0.1200	0.7910	43	2.40	0.0004	0.9997
44	0.30	0.0430	0.6404	44	0.30	0.0879	0.8789	44	2.60	0.0002	0.9998
45	0.40	0.0476	0.6881	45	0.40	0.0550	0.9339	45	2.80	0.0002	1.0000
46	0.50	0.0460	0.7341	46	0.50	0.0297	0.9636	46	3.00	0.	1.0000
47	0.60	0.0460	0.7801	47	0.60	0.0168	0.9804	47	3.20	0.	1.0000
48	0.70	0.0379	0.8180	48	0.70	0.0096	0.9900	48	3.40	0.	1.0000
49	0.80	0.0403	0.8583	49	0.80	0.0047	0.9947	49	3.60	0.	1.0000
50	0.90	0.0319	0.8902	50	0.90	0.0018	0.9965	50	3.80	0.	1.0000
51	1.00	0.0257	0.9158	51	1.00	0.0012	0.9977	51	4.00	0.	1.0000
52	1.10	0.0208	0.9367	52	1.10	0.0012	0.9989	52	4.20	0.	1.0000
53	1.20	0.0184	0.9551	53	1.20	0.0011	1.0000	53	4.40	0.	1.0000
54	1.30	0.0163	0.9714	54	1.30	0.	1.0000	54	4.60	0.	1.0000
55	1.40	0.0112	0.9826	55	1.40	0.	1.0000	55	4.80	0.	1.0000
56	1.50	0.0075	0.9901	56	1.50	0.	1.0000	56	5.00	0.	1.0000
57	1.60	0.0058	0.9959	57	1.60	0.	1.0000	57	5.20	0.	1.0000
58	1.70	0.0028	0.9987	58	1.70	0.	1.0000	58	5.40	0.	1.0000
59	1.80	0.0013	1.0000	59	1.80	0.	1.0000	59	5.60	0.	1.0000
60	1.90	0.	1.0000	60	1.90	0.	1.0000	60	5.80	0.	1.0000
61	2.00	0.	1.0000	61	2.00	0.	1.0000	61	6.00	0.	1.0000
62	2.10	0.	1.0000	62	2.10	0.	1.0000				
63	2.20	0.	1.0000	63	2.20	0.	1.0000				
64	2.30	0.	1.0000	64	2.30	0.	1.0000				
65	2.40	0.	1.0000	65	2.40	0.	1.0000				
66	2.50	0.	1.0000	66	2.50	0.	1.0000				
67	2.60	0.	1.0000	67	2.60	0.	1.0000				
68	2.70	0.	1.0000	68	2.70	0.	1.0000				
69	2.80	0.	1.0000	69	2.80	0.	1.0000				
70	2.90	0.	1.0000	70	2.90	0.	1.0000				
71	3.00	0.	1.0000	71	3.00	0.	1.0000				
72	3.10	0.	1.0000	72	3.10	0.	1.0000				
73	3.20	0.	1.0000	73	3.20	0.	1.0000				
74	3.30	0.	1.0000	74	3.30	0.	1.0000				
75	3.40	0.	1.0000	75	3.40	0.	1.0000				
76	3.50	0.	1.0000	76	3.50	0.	1.0000				
77	3.60	0.	1.0000	77	3.60	0.	1.0000				
78	3.70	0.	1.0000	78	3.70	0.	1.0000				
79	3.80	0.	1.0000	79	3.80	0.	1.0000				
80	3.90	0.	1.0000	80	3.90	0.	1.0000				
81	4.00	0.	1.0000	81	4.00	0.	1.0000				

I - INTERVAL NUMBER X - INTERVAL CENTER VALUE

P(X) - PROBABILITY MASS FUNCTION F(X) - CUMULATIVE DISTRIBUTION FUNCTION

MONTAUK PT. N.Y.

STATISTICS FOR JULY

ASTRONOMICAL TIDE				STORM SURGE				TOTAL WATER LEVEL			
MEAN-0.00		STND DEV 0.75		MEAN 0.08		STND DEV 0.23		MEAN 0.09		STND DEV 0.76	
I	X	P(X)	F(X)	I	X	P(X)	F(X)	I	X	P(X)	F(X)
1	-4.00	0.	0.	1	-4.00	0.	0.	1	-6.00	0.	0.
2	-3.90	0.	0.	2	-3.90	0.	0.	2	-5.80	0.	0.
3	-3.80	0.	0.	3	-3.80	0.	0.	3	-5.60	0.	0.
4	-3.70	0.	0.	4	-3.70	0.	0.	4	-5.40	0.	0.
5	-3.60	0.	0.	5	-3.60	0.	0.	5	-5.20	0.	0.
6	-3.50	0.	0.	6	-3.50	0.	0.	6	-5.00	0.	0.
7	-3.40	0.	0.	7	-3.40	0.	0.	7	-4.80	0.	0.
8	-3.30	0.	0.	8	-3.30	0.	0.	8	-4.60	0.	0.
9	-3.20	0.	0.	9	-3.20	0.	0.	9	-4.40	0.	0.
10	-3.10	0.	0.	10	-3.10	0.	0.	10	-4.20	0.	0.
11	-3.00	0.	0.	11	-3.00	0.	0.	11	-4.00	0.	0.
12	-2.90	0.	0.	12	-2.90	0.	0.	12	-3.80	0.	0.
13	-2.80	0.	0.	13	-2.80	0.	0.	13	-3.60	0.	0.
14	-2.70	0.	0.	14	-2.70	0.	0.	14	-3.40	0.	0.
15	-2.60	0.	0.	15	-2.60	0.	0.	15	-3.20	0.	0.
16	-2.50	0.	0.	16	-2.50	0.	0.	16	-3.00	0.	0.
17	-2.40	0.	0.	17	-2.40	0.	0.	17	-2.80	0.	0.
18	-2.30	0.	0.	18	-2.30	0.	0.	18	-2.60	0.	0.
19	-2.20	0.	0.	19	-2.20	0.	0.	19	-2.40	0.	0.
20	-2.10	0.	0.	20	-2.10	0.	0.	20	-2.20	0.0001	0.0001
21	-2.00	0.	0.	21	-2.00	0.	0.	21	-2.00	0.0007	0.0008
22	-1.90	0.0001	0.0001	22	-1.90	0.	0.	22	-1.80	0.0016	0.0024
23	-1.80	0.0003	0.0004	23	-1.80	0.	0.	23	-1.60	0.0059	0.0083
24	-1.70	0.0018	0.0022	24	-1.70	0.	0.	24	-1.40	0.0141	0.0224
25	-1.60	0.0040	0.0062	25	-1.60	0.	0.	25	-1.20	0.0274	0.0498
26	-1.50	0.0066	0.0128	26	-1.50	0.	0.	26	-1.00	0.0479	0.0977
27	-1.40	0.0087	0.0215	27	-1.40	0.	0.	27	-0.80	0.0699	0.1676
28	-1.30	0.0146	0.0361	28	-1.30	0.	0.	28	-0.60	0.0854	0.2530
29	-1.20	0.0195	0.0556	29	-1.20	0.	0.	29	-0.40	0.0887	0.3417
30	-1.10	0.0270	0.0826	30	-1.10	0.	0.	30	-0.20	0.0829	0.4246
31	-1.00	0.0317	0.1143	31	-1.00	0.	0.	31	0.	0.0873	0.5119
32	-0.90	0.0337	0.1479	32	-0.90	0.0001	0.0001	32	0.20	0.0875	0.5994
33	-0.80	0.0406	0.1885	33	-0.80	0.0001	0.0002	33	0.40	0.0841	0.6835
34	-0.70	0.0434	0.2319	34	-0.70	0.0007	0.0009	34	0.60	0.0816	0.7651
35	-0.60	0.0485	0.2804	35	-0.60	0.0026	0.0034	35	0.80	0.0708	0.8359
36	-0.50	0.0419	0.3223	36	-0.50	0.0088	0.0122	36	1.00	0.0618	0.8977
37	-0.40	0.0407	0.3630	37	-0.40	0.0215	0.0337	37	1.20	0.0444	0.9421
38	-0.30	0.0397	0.4027	38	-0.30	0.0468	0.0805	38	1.40	0.0280	0.9701
39	-0.20	0.0395	0.4422	39	-0.20	0.0751	0.1556	39	1.60	0.0183	0.9884
40	-0.10	0.0407	0.4830	40	-0.10	0.1280	0.2836	40	1.80	0.0078	0.9962
41	0.	0.0384	0.5213	41	0.	0.1600	0.4436	41	2.00	0.0025	0.9987
42	0.10	0.0391	0.5604	42	0.10	0.1766	0.6202	42	2.20	0.0011	0.9998
43	0.20	0.0421	0.6025	43	0.20	0.1578	0.7780	43	2.40	0.0002	1.0000
44	0.30	0.0481	0.6506	44	0.30	0.1156	0.8936	44	2.60	0.	1.0000
45	0.40	0.0433	0.6939	45	0.40	0.0620	0.9556	45	2.80	0.	1.0000
46	0.50	0.0410	0.7349	46	0.50	0.0262	0.9818	46	3.00	0.	1.0000
47	0.60	0.0354	0.7703	47	0.60	0.0114	0.9932	47	3.20	0.	1.0000
48	0.70	0.0351	0.8054	48	0.70	0.0039	0.9971	48	3.40	0.	1.0000
49	0.80	0.0387	0.8441	49	0.80	0.0026	0.9997	49	3.60	0.	1.0000
50	0.90	0.0381	0.8822	50	0.90	0.0003	0.9999	50	3.80	0.	1.0000
51	1.00	0.0302	0.9125	51	1.00	0.0001	1.0000	51	4.00	0.	1.0000
52	1.10	0.0282	0.9407	52	1.10	0.	1.0000	52	4.20	0.	1.0000
53	1.20	0.0193	0.9600	53	1.20	0.	1.0000	53	4.40	0.	1.0000
54	1.30	0.0159	0.9759	54	1.30	0.	1.0000	54	4.60	0.	1.0000
55	1.40	0.0102	0.9861	55	1.40	0.	1.0000	55	4.80	0.	1.0000
56	1.50	0.0066	0.9927	56	1.50	0.	1.0000	56	5.00	0.	1.0000
57	1.60	0.0038	0.9965	57	1.60	0.	1.0000	57	5.20	0.	1.0000
58	1.70	0.0028	0.9992	58	1.70	0.	1.0000	58	5.40	0.	1.0000
59	1.80	0.0008	1.0000	59	1.80	0.	1.0000	59	5.60	0.	1.0000
60	1.90	0.	1.0000	60	1.90	0.	1.0000	60	5.80	0.	1.0000
61	2.00	0.	1.0000	61	2.00	0.	1.0000	61	6.00	0.	1.0000
62	2.10	0.	1.0000	62	2.10	0.	1.0000				
63	2.20	0.	1.0000	63	2.20	0.	1.0000				
64	2.30	0.	1.0000	64	2.30	0.	1.0000				
65	2.40	0.	1.0000	65	2.40	0.	1.0000				
66	2.50	0.	1.0000	66	2.50	0.	1.0000				
67	2.60	0.	1.0000	67	2.60	0.	1.0000				
68	2.70	0.	1.0000	68	2.70	0.	1.0000				
69	2.80	0.	1.0000	69	2.80	0.	1.0000				
70	2.90	0.	1.0000	70	2.90	0.	1.0000				
71	3.00	0.	1.0000	71	3.00	0.	1.0000				
72	3.10	0.	1.0000	72	3.10	0.	1.0000				
73	3.20	0.	1.0000	73	3.20	0.	1.0000				
74	3.30	0.	1.0000	74	3.30	0.	1.0000				
75	3.40	0.	1.0000	75	3.40	0.	1.0000				
76	3.50	0.	1.0000	76	3.50	0.	1.0000				
77	3.60	0.	1.0000	77	3.60	0.	1.0000				
78	3.70	0.	1.0000	78	3.70	0.	1.0000				
79	3.80	0.	1.0000	79	3.80	0.	1.0000				
80	3.90	0.	1.0000	80	3.90	0.	1.0000				
81	4.00	0.	1.0000	81	4.00	0.	1.0000				

I - INTERVAL NUMBER X - INTERVAL CENTER VALUE

P(X) - PROBABILITY MASS FUNCTION F(X) - CUMULATIVE DISTRIBUTION FUNCTION

MONTAUK PT. N.Y.

STATISTICS FOR AUGUST

ASTRONOMICAL TIDE				STORM SURGE				TOTAL WATER LEVEL			
MEAN-0.00		STND DEV 0.75		MEAN 0.09		STND DEV 0.24		MEAN 0.10		STND DEV 0.77	
I	X	P(X)	F(X)	I	X	P(X)	F(X)	I	X	P(X)	F(X)
1	-4.00	0.	0.	1	-4.00	0.	0.	1	-6.00	0.	0.
2	-3.90	0.	0.	2	-3.90	0.	0.	2	-5.80	0.	0.
3	-3.80	0.	0.	3	-3.80	0.	0.	3	-5.60	0.	0.
4	-3.70	0.	0.	4	-3.70	0.	0.	4	-5.40	0.	0.
5	-3.60	0.	0.	5	-3.60	0.	0.	5	-5.20	0.	0.
6	-3.50	0.	0.	6	-3.50	0.	0.	6	-5.00	0.	0.
7	-3.40	0.	0.	7	-3.40	0.	0.	7	-4.80	0.	0.
8	-3.30	0.	0.	8	-3.30	0.	0.	8	-4.60	0.	0.
9	-3.20	0.	0.	9	-3.20	0.	0.	9	-4.40	0.	0.
10	-3.10	0.	0.	10	-3.10	0.	0.	10	-4.20	0.	0.
11	-3.00	0.	0.	11	-3.00	0.	0.	11	-4.00	0.	0.
12	-2.90	0.	0.	12	-2.90	0.	0.	12	-3.80	0.	0.
13	-2.80	0.	0.	13	-2.80	0.	0.	13	-3.60	0.	0.
14	-2.70	0.	0.	14	-2.70	0.	0.	14	-3.40	0.	0.
15	-2.60	0.	0.	15	-2.60	0.	0.	15	-3.20	0.	0.
16	-2.50	0.	0.	16	-2.50	0.	0.	16	-3.00	0.	0.
17	-2.40	0.	0.	17	-2.40	0.	0.	17	-2.80	0.	0.
18	-2.30	0.	0.	18	-2.30	0.	0.	18	-2.60	0.	0.
19	-2.20	0.	0.	19	-2.20	0.	0.	19	-2.40	0.0002	0.0002
20	-2.10	0.	0.	20	-2.10	0.	0.	20	-2.20	0.0003	0.0005
21	-2.00	0.	0.	21	-2.00	0.	0.	21	-2.00	0.0007	0.0011
22	-1.90	0.	0.	22	-1.90	0.	0.	22	-1.80	0.0025	0.0036
23	-1.80	0.0008	0.0008	23	-1.80	0.	0.	23	-1.60	0.0061	0.0098
24	-1.70	0.0022	0.0030	24	-1.70	0.	0.	24	-1.40	0.0125	0.0223
25	-1.60	0.0053	0.0083	25	-1.60	0.	0.	25	-1.20	0.0268	0.0491
26	-1.50	0.0081	0.0164	26	-1.50	0.	0.	26	-1.00	0.0488	0.0979
27	-1.40	0.0090	0.0255	27	-1.40	0.	0.	27	-0.80	0.0679	0.1658
28	-1.30	0.0128	0.0382	28	-1.30	0.	0.	28	-0.60	0.0783	0.2440
29	-1.20	0.0161	0.0544	29	-1.20	0.	0.	29	-0.40	0.0855	0.3295
30	-1.10	0.0253	0.0797	30	-1.10	0.	0.	30	-0.20	0.0836	0.4131
31	-1.00	0.0308	0.1104	31	-1.00	0.	0.	31	0.	0.0887	0.5018
32	-0.90	0.0381	0.1485	32	-0.90	0.	0.	32	0.20	0.0891	0.5908
33	-0.80	0.0414	0.1899	33	-0.80	0.0001	0.0001	33	0.40	0.0874	0.6782
34	-0.70	0.0425	0.2324	34	-0.70	0.0004	0.0005	34	0.60	0.0789	0.7571
35	-0.60	0.0435	0.2758	35	-0.60	0.0019	0.0023	35	0.80	0.0700	0.8271
36	-0.50	0.0438	0.3197	36	-0.50	0.0078	0.0102	36	1.00	0.0645	0.8916
37	-0.40	0.0414	0.3610	37	-0.40	0.0182	0.0283	37	1.20	0.0495	0.9411
38	-0.30	0.0382	0.3992	38	-0.30	0.0445	0.0728	38	1.40	0.0318	0.9730
39	-0.20	0.0405	0.4397	39	-0.20	0.0861	0.1589	39	1.60	0.0162	0.9892
40	-0.10	0.0393	0.4789	40	-0.10	0.1248	0.2837	40	1.80	0.0061	0.9953
41	0.	0.0400	0.5189	41	0.	0.1610	0.4447	41	2.00	0.0035	0.9988
42	0.10	0.0410	0.5599	42	0.10	0.1615	0.6062	42	2.20	0.0009	0.9997
43	0.20	0.0430	0.6029	43	0.20	0.1431	0.7493	43	2.40	0.0002	0.9999
44	0.30	0.0438	0.6467	44	0.30	0.1106	0.8599	44	2.60	0.0001	1.0000
45	0.40	0.0429	0.6896	45	0.40	0.0748	0.9347	45	2.80	0.	1.0000
46	0.50	0.0413	0.7309	46	0.50	0.0364	0.9711	46	3.00	0.	1.0000
47	0.60	0.0369	0.7678	47	0.60	0.0160	0.9871	47	3.20	0.	1.0000
48	0.70	0.0332	0.8010	48	0.70	0.0072	0.9943	48	3.40	0.	1.0000
49	0.80	0.0400	0.8410	49	0.80	0.0038	0.9981	49	3.60	0.	1.0000
50	0.90	0.0369	0.8778	50	0.90	0.0011	0.9991	50	3.80	0.	1.0000
51	1.00	0.0350	0.9129	51	1.00	0.0007	0.9998	51	4.00	0.	1.0000
52	1.10	0.0309	0.9438	52	1.10	0.0002	1.0000	52	4.20	0.	1.0000
53	1.20	0.0239	0.9677	53	1.20	0.	1.0000	53	4.40	0.	1.0000
54	1.30	0.0152	0.9829	54	1.30	0.	1.0000	54	4.60	0.	1.0000
55	1.40	0.0089	0.9918	55	1.40	0.	1.0000	55	4.80	0.	1.0000
56	1.50	0.0049	0.9966	56	1.50	0.	1.0000	56	5.00	0.	1.0000
57	1.60	0.0028	0.9993	57	1.60	0.	1.0000	57	5.20	0.	1.0000
58	1.70	0.0005	1.0000	58	1.70	0.	1.0000	58	5.40	0.	1.0000
59	1.80	0.	1.0000	59	1.80	0.	1.0000	59	5.60	0.	1.0000
60	1.90	0.	1.0000	60	1.90	0.	1.0000	60	5.80	0.	1.0000
61	2.00	0.	1.0000	61	2.00	0.	1.0000	61	6.00	0.	1.0000
62	2.10	0.	1.0000	62	2.10	0.	1.0000				
63	2.20	0.	1.0000	63	2.20	0.	1.0000				
64	2.30	0.	1.0000	64	2.30	0.	1.0000				
65	2.40	0.	1.0000	65	2.40	0.	1.0000				
66	2.50	0.	1.0000	66	2.50	0.	1.0000				
67	2.60	0.	1.0000	67	2.60	0.	1.0000				
68	2.70	0.	1.0000	68	2.70	0.	1.0000				
69	2.80	0.	1.0000	69	2.80	0.	1.0000				
70	2.90	0.	1.0000	70	2.90	0.	1.0000				
71	3.00	0.	1.0000	71	3.00	0.	1.0000				
72	3.10	0.	1.0000	72	3.10	0.	1.0000				
73	3.20	0.	1.0000	73	3.20	0.	1.0000				
74	3.30	0.	1.0000	74	3.30	0.	1.0000				
75	3.40	0.	1.0000	75	3.40	0.	1.0000				
76	3.50	0.	1.0000	76	3.50	0.	1.0000				
77	3.60	0.	1.0000	77	3.60	0.	1.0000				
78	3.70	0.	1.0000	78	3.70	0.	1.0000				
79	3.80	0.	1.0000	79	3.80	0.	1.0000				
80	3.90	0.	1.0000	80	3.90	0.	1.0000				
81	4.00	0.	1.0000	81	4.00	0.	1.0000				

I - INTERVAL NUMBER X - INTERVAL CENTER VALUE

P(X) - PROBABILITY MASS FUNCTION F(X) - CUMULATIVE DISTRIBUTION FUNCTION

MONTAUK PT. N.Y.

STATISTICS FOR SEPTEMBER

ASTRONOMICAL TIDE				STOPM SUPGE				TOTAL WATER LEVEL			
MEAN-0.00		STND DEV 0.75		MEAN 0.11		STND DEV 0.29		MEAN 0.13		STND DEV 0.78	
I	X	P(X)	F(X)	I	X	P(X)	F(X)	I	X	P(X)	F(X)
1	-4.00	0.	0.	1	-4.00	0.	0.	1	-6.00	0.	0.
2	-3.90	0.	0.	2	-3.90	0.	0.	2	-5.80	0.	0.
3	-3.80	0.	0.	3	-3.80	0.	0.	3	-5.60	0.	0.
4	-3.70	0.	0.	4	-3.70	0.	0.	4	-5.40	0.	0.
5	-3.60	0.	0.	5	-3.60	0.	0.	5	-5.20	0.	0.
6	-3.50	0.	0.	6	-3.50	0.	0.	6	-5.00	0.	0.
7	-3.40	0.	0.	7	-3.40	0.	0.	7	-4.80	0.	0.
8	-3.30	0.	0.	8	-3.30	0.	0.	8	-4.60	0.	0.
9	-3.20	0.	0.	9	-3.20	0.	0.	9	-4.40	0.	0.
10	-3.10	0.	0.	10	-3.10	0.	0.	10	-4.20	0.	0.
11	-3.00	0.	0.	11	-3.00	0.	0.	11	-4.00	0.	0.
12	-2.90	0.	0.	12	-2.90	0.	0.	12	-3.80	0.	0.
13	-2.80	0.	0.	13	-2.80	0.	0.	13	-3.60	0.	0.
14	-2.70	0.	0.	14	-2.70	0.	0.	14	-3.40	0.	0.
15	-2.60	0.	0.	15	-2.60	0.	0.	15	-3.20	0.	0.
16	-2.50	0.	0.	16	-2.50	0.	0.	16	-3.00	0.	0.
17	-2.40	0.	0.	17	-2.40	0.	0.	17	-2.80	0.	0.
18	-2.30	0.	0.	18	-2.30	0.	0.	18	-2.60	0.	0.
19	-2.20	0.	0.	19	-2.20	0.	0.	19	-2.40	0.0003	0.0003
20	-2.10	0.	0.	20	-2.10	0.	0.	20	-2.20	0.0002	0.0005
21	-2.00	0.	0.	21	-2.00	0.	0.	21	-2.00	0.0008	0.0013
22	-1.90	0.0005	0.0005	22	-1.90	0.	0.	22	-1.80	0.0034	0.0047
23	-1.80	0.0017	0.0023	23	-1.80	0.0001	0.0001	23	-1.60	0.0067	0.0114
24	-1.70	0.0043	0.0065	24	-1.70	0.0003	0.0004	24	-1.40	0.0139	0.0253
25	-1.60	0.0056	0.0122	25	-1.60	0.	0.0004	25	-1.20	0.0273	0.0526
26	-1.50	0.0071	0.0193	26	-1.50	0.	0.0004	26	-1.00	0.0400	0.0926
27	-1.40	0.0104	0.0297	27	-1.40	0.0002	0.0006	27	-0.80	0.0633	0.1559
28	-1.30	0.0129	0.0426	28	-1.30	0.	0.0006	28	-0.60	0.0802	0.2361
29	-1.20	0.0177	0.0603	29	-1.20	0.0002	0.0008	29	-0.40	0.0823	0.3183
30	-1.10	0.0228	0.0832	30	-1.10	0.	0.0008	30	-0.20	0.0843	0.4027
31	-1.00	0.0326	0.1158	31	-1.00	0.0001	0.0009	31	0.	0.0877	0.4904
32	-0.90	0.0369	0.1527	32	-0.90	0.0004	0.0013	32	0.20	0.0879	0.5783
33	-0.80	0.0396	0.1923	33	-0.80	0.0007	0.0020	33	0.40	0.0838	0.6621
34	-0.70	0.0393	0.2316	34	-0.70	0.0013	0.0032	34	0.60	0.0811	0.7432
35	-0.60	0.0397	0.2713	35	-0.60	0.0029	0.0061	35	0.80	0.0745	0.8177
36	-0.50	0.0417	0.3129	36	-0.50	0.0091	0.0152	36	1.00	0.0645	0.8821
37	-0.40	0.0408	0.3537	37	-0.40	0.0240	0.0391	37	1.20	0.0492	0.9313
38	-0.30	0.0415	0.3952	38	-0.30	0.0495	0.0886	38	1.40	0.0314	0.9626
39	-0.20	0.0403	0.4355	39	-0.20	0.0836	0.1722	39	1.60	0.0204	0.9831
40	-0.10	0.0368	0.4723	40	-0.10	0.1176	0.2898	40	1.80	0.0106	0.9937
41	0.	0.0381	0.5104	41	0.	0.1459	0.4358	41	2.00	0.0041	0.9978
42	0.10	0.0416	0.5520	42	0.10	0.1454	0.5812	42	2.20	0.0012	0.9989
43	0.20	0.0421	0.5941	43	0.20	0.1347	0.7159	43	2.40	0.0007	0.9996
44	0.30	0.0444	0.6385	44	0.30	0.1023	0.8182	44	2.60	0.0003	0.9999
45	0.40	0.0456	0.6841	45	0.40	0.0677	0.8859	45	2.80	0.0001	1.0000
46	0.50	0.0415	0.7256	46	0.50	0.0432	0.9291	46	3.00	0.	1.0000
47	0.60	0.0415	0.7671	47	0.60	0.0296	0.9587	47	3.20	0.	1.0000
48	0.70	0.0347	0.8018	48	0.70	0.0187	0.9774	48	3.40	0.	1.0000
49	0.80	0.0409	0.8427	49	0.80	0.0102	0.9876	49	3.60	0.	1.0000
50	0.90	0.0383	0.8810	50	0.90	0.0057	0.9933	50	3.80	0.	1.0000
51	1.00	0.0374	0.9184	51	1.00	0.0024	0.9957	51	4.00	0.	1.0000
52	1.10	0.0321	0.9505	52	1.10	0.0020	0.9978	52	4.20	0.	1.0000
53	1.20	0.0237	0.9742	53	1.20	0.0013	0.9990	53	4.40	0.	1.0000
54	1.30	0.0121	0.9863	54	1.30	0.0005	0.9995	54	4.60	0.	1.0000
55	1.40	0.0083	0.9946	55	1.40	0.0003	0.9998	55	4.80	0.	1.0000
56	1.50	0.0036	0.9982	56	1.50	0.0002	1.0000	56	5.00	0.	1.0000
57	1.60	0.0017	0.9998	57	1.60	0.	1.0000	57	5.20	0.	1.0000
58	1.70	0.0002	1.0000	58	1.70	0.	1.0000	58	5.40	0.	1.0000
59	1.80	0.	1.0000	59	1.80	0.	1.0000	59	5.60	0.	1.0000
60	1.90	0.	1.0000	60	1.90	0.	1.0000	60	5.80	0.	1.0000
61	2.00	0.	1.0000	61	2.00	0.	1.0000	61	6.00	0.	1.0000
62	2.10	0.	1.0000	62	2.10	0.	1.0000				
63	2.20	0.	1.0000	63	2.20	0.	1.0000				
64	2.30	0.	1.0000	64	2.30	0.	1.0000				
65	2.40	0.	1.0000	65	2.40	0.	1.0000				
66	2.50	0.	1.0000	66	2.50	0.	1.0000				
67	2.60	0.	1.0000	67	2.60	0.	1.0000				
68	2.70	0.	1.0000	68	2.70	0.	1.0000				
69	2.80	0.	1.0000	69	2.80	0.	1.0000				
70	2.90	0.	1.0000	70	2.90	0.	1.0000				
71	3.00	0.	1.0000	71	3.00	0.	1.0000				
72	3.10	0.	1.0000	72	3.10	0.	1.0000				
73	3.20	0.	1.0000	73	3.20	0.	1.0000				
74	3.30	0.	1.0000	74	3.30	0.	1.0000				
75	3.40	0.	1.0000	75	3.40	0.	1.0000				
76	3.50	0.	1.0000	76	3.50	0.	1.0000				
77	3.60	0.	1.0000	77	3.60	0.	1.0000				
78	3.70	0.	1.0000	78	3.70	0.	1.0000				
79	3.80	0.	1.0000	79	3.80	0.	1.0000				
80	3.90	0.	1.0000	80	3.90	0.	1.0000				
81	4.00	0.	1.0000	81	4.00	0.	1.0000				

I - INTERVAL NUMBER X - INTERVAL CENTER VALUE

P(X) - PROBABILITY MASS FUNCTION F(X) - CUMULATIVE DISTRIBUTION FUNCTION

MONTAUK PT. N.Y.

STATISTICS FOR OCTOBER

ASTRONOMICAL TIDE				STORM SURGE				TOTAL WATER LEVEL			
MEAN 0.00		STND DEV 0.75		MEAN 0.16		STND DEV 0.46		MEAN 0.18		STND DEV 0.88	
I	X	P(X)	F(X)	I	X	P(X)	F(X)	I	X	P(X)	F(X)
1	-4.00	0.	0.	1	-4.00	0.	0.	1	-6.00	0.	0.
2	-3.90	0.	0.	2	-3.90	0.	0.	2	-5.80	0.	0.
3	-3.80	0.	0.	3	-3.80	0.	0.	3	-5.60	0.	0.
4	-3.70	0.	0.	4	-3.70	0.	0.	4	-5.40	0.	0.
5	-3.60	0.	0.	5	-3.60	0.	0.	5	-5.20	0.	0.
6	-3.50	0.	0.	6	-3.50	0.	0.	6	-5.00	0.	0.
7	-3.40	0.	0.	7	-3.40	0.	0.	7	-4.80	0.	0.
8	-3.30	0.	0.	8	-3.30	0.	0.	8	-4.60	0.	0.
9	-3.20	0.	0.	9	-3.20	0.	0.	9	-4.40	0.	0.
10	-3.10	0.	0.	10	-3.10	0.	0.	10	-4.20	0.	0.
11	-3.00	0.	0.	11	-3.00	0.	0.	11	-4.00	0.	0.
12	-2.90	0.	0.	12	-2.90	0.	0.	12	-3.80	0.	0.
13	-2.80	0.	0.	13	-2.80	0.	0.	13	-3.60	0.	0.
14	-2.70	0.	0.	14	-2.70	0.	0.	14	-3.40	0.	0.
15	-2.60	0.	0.	15	-2.60	0.	0.	15	-3.20	0.	0.
16	-2.50	0.	0.	16	-2.50	0.	0.	16	-3.00	0.	0.
17	-2.40	0.	0.	17	-2.40	0.	0.	17	-2.80	0.	0.
18	-2.30	0.	0.	18	-2.30	0.	0.	18	-2.60	0.0003	0.0003
19	-2.20	0.	0.	19	-2.20	0.	0.	19	-2.40	0.0004	0.0007
20	-2.10	0.	0.	20	-2.10	0.	0.	20	-2.20	0.0009	0.0016
21	-2.00	0.0001	0.0001	21	-2.00	0.	0.	21	-2.00	0.0014	0.0030
22	-1.90	0.0012	0.0013	22	-1.90	0.	0.	22	-1.80	0.0047	0.0077
23	-1.80	0.0024	0.0036	23	-1.80	0.	0.	23	-1.60	0.0086	0.0163
24	-1.70	0.0038	0.0074	24	-1.70	0.0003	0.0003	24	-1.40	0.0195	0.0358
25	-1.60	0.0062	0.0136	25	-1.60	0.0003	0.0005	25	-1.20	0.0295	0.0653
26	-1.50	0.0096	0.0232	26	-1.50	0.0003	0.0008	26	-1.00	0.0467	0.1120
27	-1.40	0.0100	0.0331	27	-1.40	0.0003	0.0011	27	-0.80	0.0583	0.1703
28	-1.30	0.0151	0.0482	28	-1.30	0.0007	0.0018	28	-0.60	0.0679	0.2381
29	-1.20	0.0174	0.0656	29	-1.20	0.0008	0.0026	29	-0.40	0.0770	0.3151
30	-1.10	0.0235	0.0891	30	-1.10	0.0014	0.0040	30	-0.20	0.0801	0.3952
31	-1.00	0.0291	0.1182	31	-1.00	0.0019	0.0059	31	0.	0.0852	0.4803
32	-0.90	0.0326	0.1508	32	-0.90	0.0030	0.0090	32	0.20	0.0807	0.5611
33	-0.80	0.0379	0.1887	33	-0.80	0.0045	0.0135	33	0.40	0.0817	0.6428
34	-0.70	0.0365	0.2251	34	-0.70	0.0076	0.0211	34	0.60	0.0757	0.7185
35	-0.60	0.0424	0.2675	35	-0.60	0.0158	0.0369	35	0.80	0.0713	0.7898
36	-0.50	0.0417	0.3091	36	-0.50	0.0274	0.0643	36	1.00	0.0571	0.8469
37	-0.40	0.0408	0.3499	37	-0.40	0.0372	0.1015	37	1.20	0.0471	0.8940
38	-0.30	0.0394	0.3893	38	-0.30	0.0602	0.1617	38	1.40	0.0361	0.9301
39	-0.20	0.0406	0.4299	39	-0.20	0.0734	0.2350	39	1.60	0.0249	0.9549
40	-0.10	0.0393	0.4693	40	-0.10	0.0930	0.3280	40	1.80	0.0174	0.9723
41	0.	0.0380	0.5074	41	0.	0.1138	0.4418	41	2.00	0.0117	0.9840
42	0.10	0.0392	0.5466	42	0.10	0.1074	0.5491	42	2.20	0.0075	0.9916
43	0.20	0.0407	0.5873	43	0.20	0.0937	0.6428	43	2.40	0.0031	0.9946
44	0.30	0.0454	0.6327	44	0.30	0.0774	0.7202	44	2.60	0.0024	0.9971
45	0.40	0.0447	0.6773	45	0.40	0.0581	0.7783	45	2.80	0.0014	0.9985
46	0.50	0.0479	0.7253	46	0.50	0.0444	0.8227	46	3.00	0.0008	0.9993
47	0.60	0.0444	0.7696	47	0.60	0.0406	0.8633	47	3.20	0.0006	0.9998
48	0.70	0.0418	0.8114	48	0.70	0.0312	0.8945	48	3.40	0.0002	1.0000
49	0.80	0.0421	0.8535	49	0.80	0.0255	0.9200	49	3.60	0.	1.0000
50	0.90	0.0393	0.8928	50	0.90	0.0223	0.9423	50	3.80	0.	1.0000
51	1.00	0.0335	0.9263	51	1.00	0.0165	0.9588	51	4.00	0.	1.0000
52	1.10	0.0236	0.9499	52	1.10	0.0126	0.9714	52	4.20	0.	1.0000
53	1.20	0.0194	0.9692	53	1.20	0.0080	0.9794	53	4.40	0.	1.0000
54	1.30	0.0120	0.9813	54	1.30	0.0049	0.9844	54	4.60	0.	1.0000
55	1.40	0.0080	0.9892	55	1.40	0.0032	0.9875	55	4.80	0.	1.0000
56	1.50	0.0055	0.9948	56	1.50	0.0030	0.9906	56	5.00	0.	1.0000
57	1.60	0.0032	0.9980	57	1.60	0.0023	0.9929	57	5.20	0.	1.0000
58	1.70	0.0020	1.0000	58	1.70	0.0019	0.9948	58	5.40	0.	1.0000
59	1.80	0.	1.0000	59	1.80	0.0008	0.9956	59	5.60	0.	1.0000
60	1.90	0.	1.0000	60	1.90	0.0005	0.9961	60	5.80	0.	1.0000
61	2.00	0.	1.0000	61	2.00	0.0012	0.9972	61	6.00	0.	1.0000
62	2.10	0.	1.0000	62	2.10	0.0008	0.9981				
63	2.20	0.	1.0000	63	2.20	0.0007	0.9987				
64	2.30	0.	1.0000	64	2.30	0.0005	0.9993				
65	2.40	0.	1.0000	65	2.40	0.0002	0.9994				
66	2.50	0.	1.0000	66	2.50	0.0004	0.9998				
67	2.60	0.	1.0000	67	2.60	0.0002	1.0000				
68	2.70	0.	1.0000	68	2.70	0.	1.0000				
69	2.80	0.	1.0000	69	2.80	0.	1.0000				
70	2.90	0.	1.0000	70	2.90	0.	1.0000				
71	3.00	0.	1.0000	71	3.00	0.	1.0000				
72	3.10	0.	1.0000	72	3.10	0.	1.0000				
73	3.20	0.	1.0000	73	3.20	0.	1.0000				
74	3.30	0.	1.0000	74	3.30	0.	1.0000				
75	3.40	0.	1.0000	75	3.40	0.	1.0000				
76	3.50	0.	1.0000	76	3.50	0.	1.0000				
77	3.60	0.	1.0000	77	3.60	0.	1.0000				
78	3.70	0.	1.0000	78	3.70	0.	1.0000				
79	3.80	0.	1.0000	79	3.80	0.	1.0000				
80	3.90	0.	1.0000	80	3.90	0.	1.0000				
81	4.00	0.	1.0000	81	4.00	0.	1.0000				

I - INTERVAL NUMBER X - INTERVAL CENTER VALUE

P(X) - PROBABILITY MASS FUNCTION F(X) - CUMULATIVE DISTRIBUTION FUNCTION

MONTAUK PT. N.Y.

STATISTICS FOR NOVEMBER

ASTRONOMICAL TIDE				STORM SURGE				TOTAL WATER LEVEL			
MEAN 0.00		STND DEV 0.76		MEAN 0.09		STND DEV 0.54		MEAN 0.10		STND DEV 0.92	
I	X	P(X)	F(X)	I	X	P(X)	F(X)	I	X	P(X)	F(X)
1	-4.00	0.	0.	1	-4.00	0.	0.	1	-6.00	0.	0.
2	-3.90	0.	0.	2	-3.90	0.	0.	2	-5.80	0.	0.
3	-3.80	0.	0.	3	-3.80	0.	0.	3	-5.60	0.	0.
4	-3.70	0.	0.	4	-3.70	0.	0.	4	-5.40	0.	0.
5	-3.60	0.	0.	5	-3.60	0.	0.	5	-5.20	0.	0.
6	-3.50	0.	0.	6	-3.50	0.	0.	6	-5.00	0.	0.
7	-3.40	0.	0.	7	-3.40	0.	0.	7	-4.80	0.	0.
8	-3.30	0.	0.	8	-3.30	0.	0.	8	-4.60	0.	0.
9	-3.20	0.	0.	9	-3.20	0.	0.	9	-4.40	0.	0.
10	-3.10	0.	0.	10	-3.10	0.	0.	10	-4.20	0.	0.
11	-3.00	0.	0.	11	-3.00	0.	0.	11	-4.00	0.	0.
12	-2.90	0.	0.	12	-2.90	0.	0.	12	-3.80	0.	0.
13	-2.80	0.	0.	13	-2.80	0.0001	0.0001	13	-3.60	0.	0.
14	-2.70	0.	0.	14	-2.70	0.0002	0.0002	14	-3.40	0.0001	0.0001
15	-2.60	0.	0.	15	-2.60	0.0002	0.0004	15	-3.20	0.0002	0.0002
16	-2.50	0.	0.	16	-2.50	0.0001	0.0005	16	-3.00	0.0003	0.0005
17	-2.40	0.	0.	17	-2.40	0.	0.0005	17	-2.80	0.0006	0.0012
18	-2.30	0.	0.	18	-2.30	0.0004	0.0009	18	-2.60	0.0006	0.0018
19	-2.20	0.	0.	19	-2.20	0.0002	0.0010	19	-2.40	0.0011	0.0029
20	-2.10	0.	0.	20	-2.10	0.0002	0.0012	20	-2.20	0.0015	0.0043
21	-2.00	0.0001	0.0001	21	-2.00	0.0003	0.0015	21	-2.00	0.0045	0.0088
22	-1.90	0.0008	0.0009	22	-1.90	0.0005	0.0019	22	-1.80	0.0091	0.0179
23	-1.80	0.0019	0.0027	23	-1.80	0.0006	0.0026	23	-1.60	0.0131	0.0310
24	-1.70	0.0040	0.0067	24	-1.70	0.0013	0.0039	24	-1.40	0.0238	0.0548
25	-1.60	0.0049	0.0116	25	-1.60	0.0015	0.0053	25	-1.20	0.0348	0.0895
26	-1.50	0.0091	0.0207	26	-1.50	0.0018	0.0071	26	-1.00	0.0508	0.1403
27	-1.40	0.0110	0.0316	27	-1.40	0.0018	0.0089	27	-0.80	0.0604	0.2007
28	-1.30	0.0160	0.0476	28	-1.30	0.0023	0.0112	28	-0.60	0.0718	0.2725
29	-1.20	0.0178	0.0654	29	-1.20	0.0035	0.0150	29	-0.40	0.0742	0.3467
30	-1.10	0.0257	0.0911	30	-1.10	0.0037	0.0187	30	-0.20	0.0776	0.4243
31	-1.00	0.0279	0.1190	31	-1.00	0.0043	0.0230	31	0.	0.0795	0.5038
32	-0.90	0.0330	0.1520	32	-0.90	0.0067	0.0297	32	0.20	0.0820	0.5858
33	-0.80	0.0353	0.1874	33	-0.80	0.0132	0.0428	33	0.40	0.0806	0.6664
34	-0.70	0.0397	0.2270	34	-0.70	0.0181	0.0609	34	0.60	0.0754	0.7418
35	-0.60	0.0404	0.2674	35	-0.60	0.0230	0.0839	35	0.80	0.0630	0.8048
36	-0.50	0.0414	0.3087	36	-0.50	0.0361	0.1200	36	1.00	0.0558	0.8605
37	-0.40	0.0402	0.3489	37	-0.40	0.0527	0.1726	37	1.20	0.0432	0.9037
38	-0.30	0.0414	0.3904	38	-0.30	0.0630	0.2357	38	1.40	0.0289	0.9326
39	-0.20	0.0393	0.4296	39	-0.20	0.0733	0.3059	39	1.60	0.0208	0.9535
40	-0.10	0.0407	0.4703	40	-0.10	0.0822	0.3911	40	1.80	0.0197	0.9731
41	0.	0.0389	0.5092	41	0.	0.0912	0.4823	41	2.00	0.0105	0.9836
42	0.10	0.0413	0.5505	42	0.10	0.0878	0.5701	42	2.20	0.0067	0.9903
43	0.20	0.0406	0.5911	43	0.20	0.0636	0.6337	43	2.40	0.0043	0.9946
44	0.30	0.0413	0.6323	44	0.30	0.0734	0.7071	44	2.60	0.0023	0.9969
45	0.40	0.0448	0.6772	45	0.40	0.0602	0.7673	45	2.80	0.0010	0.9979
46	0.50	0.0519	0.7291	46	0.50	0.0494	0.8167	46	3.00	0.0004	0.9983
47	0.60	0.0522	0.7813	47	0.60	0.0413	0.8579	47	3.20	0.0006	0.9989
48	0.70	0.0456	0.8269	48	0.70	0.0320	0.8899	48	3.40	0.0002	0.9992
49	0.80	0.0383	0.8651	49	0.80	0.0231	0.9130	49	3.60	0.0002	0.9994
50	0.90	0.0303	0.8954	50	0.90	0.0162	0.9292	50	3.80	0.	0.9994
51	1.00	0.0241	0.9194	51	1.00	0.0129	0.9421	51	4.00	0.0001	0.9995
52	1.10	0.0208	0.9402	52	1.10	0.0098	0.9720	52	4.20	0.0002	0.9996
53	1.20	0.0178	0.9580	53	1.20	0.0066	0.9786	53	4.40	0.	0.9996
54	1.30	0.0153	0.9733	54	1.30	0.0051	0.9837	54	4.60	0.0002	0.9998
55	1.40	0.0100	0.9833	55	1.40	0.0043	0.9880	55	4.80	0.0002	0.9999
56	1.50	0.0081	0.9914	56	1.50	0.0027	0.9907	56	5.00	0.0001	1.0000
57	1.60	0.0039	0.9952	57	1.60	0.0026	0.9933	57	5.20	0.	1.0000
58	1.70	0.0036	0.9988	58	1.70	0.0010	0.9943	58	5.40	0.	1.0000
59	1.80	0.0012	1.0000	59	1.80	0.0016	0.9958	59	5.60	0.	1.0000
60	1.90	0.	1.0000	60	1.90	0.0007	0.9965	60	5.80	0.	1.0000
61	2.00	0.	1.0000	61	2.00	0.0008	0.9973	61	6.00	0.	1.0000
62	2.10	0.	1.0000	62	2.10	0.0003	0.9976				
63	2.20	0.	1.0000	63	2.20	0.0002	0.9978				
64	2.30	0.	1.0000	64	2.30	0.	0.9978				
65	2.40	0.	1.0000	65	2.40	0.0002	0.9980				
66	2.50	0.	1.0000	66	2.50	0.0003	0.9983				
67	2.60	0.	1.0000	67	2.60	0.	0.9983				
68	2.70	0.	1.0000	68	2.70	0.0001	0.9984				
69	2.80	0.	1.0000	69	2.80	0.0001	0.9985				
70	2.90	0.	1.0000	70	2.90	0.0002	0.9986				
71	3.00	0.	1.0000	71	3.00	0.0002	0.9988				
72	3.10	0.	1.0000	72	3.10	0.0003	0.9992				
73	3.20	0.	1.0000	73	3.20	0.0001	0.9992				
74	3.30	0.	1.0000	74	3.30	0.0001	0.9993				
75	3.40	0.	1.0000	75	3.40	0.0002	0.9995				
76	3.50	0.	1.0000	76	3.50	0.	0.9995				
77	3.60	0.	1.0000	77	3.60	0.0001	0.9996				
78	3.70	0.	1.0000	78	3.70	0.0001	0.9997				
79	3.80	0.	1.0000	79	3.80	0.0001	0.9998				
80	3.90	0.	1.0000	80	3.90	0.0001	0.9998				
81	4.00	0.	1.0000	81	4.00	0.	0.9998				

I - INTERVAL NUMBER X - INTERVAL CENTER VALUE

P(X) - PROBABILITY MASS FUNCTION F(X) - CUMULATIVE DISTRIBUTION FUNCTION

MONTAUK PT. N.Y.

STATISTICS FOR DECEMBER

ASTRONOMICAL TIDE				STORM SURGE				TOTAL WATER LEVEL			
MEAN 0.00		STND DEV 0.75		MEAN-0.14		STND DEV 0.59		MEAN-0.13		STND DEV 0.95	
I	X	P(X)	F(X)	I	X	P(X)	F(X)	I	X	P(X)	F(X)
1	-4.00	0.	0.	1	-4.00	0.	0.	1	-6.00	0.	0.
2	-3.90	0.	0.	2	-3.90	0.	0.	2	-5.80	0.	0.
3	-3.80	0.	0.	3	-3.80	0.	0.	3	-5.60	0.	0.
4	-3.70	0.	0.	4	-3.70	0.	0.	4	-5.40	0.	0.
5	-3.60	0.	0.	5	-3.60	0.	0.	5	-5.20	0.	0.
6	-3.50	0.	0.	6	-3.50	0.	0.	6	-5.00	0.	0.
7	-3.40	0.	0.	7	-3.40	0.	0.	7	-4.80	0.	0.
8	-3.30	0.	0.	8	-3.30	0.	0.	8	-4.60	0.	0.
9	-3.20	0.	0.	9	-3.20	0.	0.	9	-4.40	0.	0.
10	-3.10	0.	0.	10	-3.10	0.	0.	10	-4.20	0.	0.
11	-3.00	0.	0.	11	-3.00	0.	0.	11	-4.00	0.	0.
12	-2.90	0.	0.	12	-2.90	0.	0.	12	-3.80	0.	0.
13	-2.80	0.	0.	13	-2.80	0.	0.	13	-3.60	0.	0.
14	-2.70	0.	0.	14	-2.70	0.	0.	14	-3.40	0.0001	0.0001
15	-2.60	0.	0.	15	-2.60	0.	0.	15	-3.20	0.0002	0.0003
16	-2.50	0.	0.	16	-2.50	0.	0.	16	-3.00	0.0005	0.0008
17	-2.40	0.	0.	17	-2.40	0.	0.	17	-2.80	0.0006	0.0014
18	-2.30	0.	0.	18	-2.30	0.0005	0.0005	18	-2.60	0.0027	0.0041
19	-2.20	0.	0.	19	-2.20	0.0005	0.0010	19	-2.40	0.0043	0.0083
20	-2.10	0.	0.	20	-2.10	0.0008	0.0018	20	-2.20	0.0070	0.0153
21	-2.00	0.	0.	21	-2.00	0.0008	0.0027	21	-2.00	0.0103	0.0256
22	-1.90	0.	0.	22	-1.90	0.0017	0.0044	22	-1.80	0.0188	0.0444
23	-1.80	0.0011	0.0011	23	-1.80	0.0025	0.0069	23	-1.60	0.0283	0.0727
24	-1.70	0.0024	0.0035	24	-1.70	0.0016	0.0085	24	-1.40	0.0391	0.1119
25	-1.60	0.0037	0.0072	25	-1.60	0.0033	0.0118	25	-1.20	0.0436	0.1554
26	-1.50	0.0075	0.0148	26	-1.50	0.0042	0.0160	26	-1.00	0.0610	0.2164
27	-1.40	0.0098	0.0246	27	-1.40	0.0047	0.0207	27	-0.80	0.0680	0.2845
28	-1.30	0.0142	0.0388	28	-1.30	0.0069	0.0276	28	-0.60	0.0747	0.3592
29	-1.20	0.0196	0.0583	29	-1.20	0.0101	0.0377	29	-0.40	0.0779	0.4371
30	-1.10	0.0258	0.0841	30	-1.10	0.0162	0.0539	30	-0.20	0.0789	0.5160
31	-1.00	0.0311	0.1152	31	-1.00	0.0232	0.0771	31	0.	0.0773	0.5933
32	-0.90	0.0344	0.1496	32	-0.90	0.0232	0.1002	32	0.20	0.0752	0.6684
33	-0.80	0.0379	0.1876	33	-0.80	0.0304	0.1306	33	0.40	0.0732	0.7416
34	-0.70	0.0408	0.2284	34	-0.70	0.0382	0.1687	34	0.60	0.0589	0.8005
35	-0.60	0.0434	0.2717	35	-0.60	0.0505	0.2193	35	0.80	0.0557	0.8562
36	-0.50	0.0429	0.3147	36	-0.50	0.0578	0.2771	36	1.00	0.0409	0.8971
37	-0.40	0.0399	0.3545	37	-0.40	0.0674	0.3445	37	1.20	0.0318	0.9289
38	-0.30	0.0402	0.3947	38	-0.30	0.0769	0.4214	38	1.40	0.0245	0.9534
39	-0.20	0.0418	0.4365	39	-0.20	0.0834	0.5048	39	1.60	0.0188	0.9722
40	-0.10	0.0400	0.4765	40	-0.10	0.0763	0.5811	40	1.80	0.0127	0.9849
41	0.	0.0403	0.5168	41	0.	0.0706	0.6517	41	2.00	0.0054	0.9903
42	0.10	0.0414	0.5582	42	0.10	0.0639	0.7156	42	2.20	0.0043	0.9946
43	0.20	0.0404	0.5986	43	0.20	0.0626	0.7782	43	2.40	0.0020	0.9966
44	0.30	0.0452	0.6437	44	0.30	0.0425	0.8207	44	2.60	0.0015	0.9981
45	0.40	0.0450	0.6888	45	0.40	0.0411	0.8619	45	2.80	0.0006	0.9987
46	0.50	0.0469	0.7357	46	0.50	0.0296	0.8914	46	3.00	0.0009	0.9996
47	0.60	0.0428	0.7785	47	0.60	0.0259	0.9174	47	3.20	0.0004	1.0000
48	0.70	0.0441	0.8225	48	0.70	0.0184	0.9358	48	3.40	0.	1.0000
49	0.80	0.0370	0.8595	49	0.80	0.0159	0.9517	49	3.60	0.	1.0000
50	0.90	0.0314	0.8909	50	0.90	0.0133	0.9650	50	3.80	0.	1.0000
51	1.00	0.0254	0.9163	51	1.00	0.0078	0.9728	51	4.00	0.	1.0000
52	1.10	0.0198	0.9361	52	1.10	0.0058	0.9786	52	4.20	0.	1.0000
53	1.20	0.0176	0.9536	53	1.20	0.0051	0.9836	53	4.40	0.	1.0000
54	1.30	0.0158	0.9695	54	1.30	0.0031	0.9867	54	4.60	0.	1.0000
55	1.40	0.0123	0.9818	55	1.40	0.0034	0.9901	55	4.80	0.	1.0000
56	1.50	0.0075	0.9893	56	1.50	0.0022	0.9924	56	5.00	0.	1.0000
57	1.60	0.0052	0.9946	57	1.60	0.0018	0.9941	57	5.20	0.	1.0000
58	1.70	0.0029	0.9975	58	1.70	0.0021	0.9962	58	5.40	0.	1.0000
59	1.80	0.0023	0.9998	59	1.80	0.0008	0.9970	59	5.60	0.	1.0000
60	1.90	0.0002	1.0000	60	1.90	0.0011	0.9981	60	5.80	0.	1.0000
61	2.00	0.	1.0000	61	2.00	0.0008	0.9989	61	6.00	0.	1.0000
62	2.10	0.	1.0000	62	2.10	0.0004	0.9993				
63	2.20	0.	1.0000	63	2.20	0.0002	0.9995				
64	2.30	0.	1.0000	64	2.30	0.0002	0.9998				
65	2.40	0.	1.0000	65	2.40	0.0002	0.9999				
66	2.50	0.	1.0000	66	2.50	0.	0.9999				
67	2.60	0.	1.0000	67	2.60	0.	0.9999				
68	2.70	0.	1.0000	68	2.70	0.	0.9999				
69	2.80	0.	1.0000	69	2.80	0.	0.9999				
70	2.90	0.	1.0000	70	2.90	0.0001	1.0000				
71	3.00	0.	1.0000	71	3.00	0.	1.0000				
72	3.10	0.	1.0000	72	3.10	0.	1.0000				
73	3.20	0.	1.0000	73	3.20	0.	1.0000				
74	3.30	0.	1.0000	74	3.30	0.	1.0000				
75	3.40	0.	1.0000	75	3.40	0.	1.0000				
76	3.50	0.	1.0000	76	3.50	0.	1.0000				
77	3.60	0.	1.0000	77	3.60	0.	1.0000				
78	3.70	0.	1.0000	78	3.70	0.	1.0000				
79	3.80	0.	1.0000	79	3.80	0.	1.0000				
80	3.90	0.	1.0000	80	3.90	0.	1.0000				
81	4.00	0.	1.0000	81	4.00	0.	1.0000				

I - INTERVAL NUMBER X - INTERVAL CENTER VALUE

P(X) - PROBABILITY MASS FUNCTION F(X) - CUMULATIVE DISTRIBUTION FUNCTION

WILLETS PT. N.Y.

YEARLY STATISTICS

ASTRONOMICAL TIDE				STORM SURGE				TOTAL WATER LEVEL			
MEAN-0.00		STND DEV 2.76		MEAN 0.00		STND DEV 0.67		MEAN 0.00		STND DEV 2.84	
I	X	P(X)	F(X)	I	X	P(X)	F(X)	I	X	P(X)	F(X)
1	-6.00	0.	0.0001	1	-4.00	0.0000	0.0001	1	-8.00	0.	0.0001
2	-5.85	0.	0.0001	2	-3.90	0.0001	0.0002	2	-7.80	0.	0.0001
3	-5.70	0.	0.0001	3	-3.80	0.0000	0.0002	3	-7.60	0.	0.0001
4	-5.55	0.0000	0.0001	4	-3.70	0.0000	0.0003	4	-7.40	0.0000	0.0001
5	-5.40	0.0002	0.0003	5	-3.60	0.0001	0.0004	5	-7.20	0.0000	0.0001
6	-5.25	0.0007	0.0010	6	-3.50	0.0001	0.0005	6	-7.00	0.0000	0.0002
7	-5.10	0.0013	0.0024	7	-3.40	0.0001	0.0006	7	-6.80	0.0001	0.0003
8	-4.95	0.0022	0.0045	8	-3.30	0.0002	0.0007	8	-6.60	0.0002	0.0004
9	-4.80	0.0031	0.0077	9	-3.20	0.0002	0.0009	9	-6.40	0.0002	0.0007
10	-4.65	0.0048	0.0125	10	-3.10	0.0001	0.0010	10	-6.20	0.0003	0.0010
11	-4.50	0.0055	0.0180	11	-3.00	0.0003	0.0013	11	-6.00	0.0004	0.0013
12	-4.35	0.0080	0.0259	12	-2.90	0.0003	0.0017	12	-5.80	0.0006	0.0020
13	-4.20	0.0098	0.0357	13	-2.80	0.0005	0.0021	13	-5.60	0.0010	0.0029
14	-4.05	0.0124	0.0481	14	-2.70	0.0005	0.0027	14	-5.40	0.0014	0.0043
15	-3.90	0.0153	0.0634	15	-2.60	0.0005	0.0032	15	-5.20	0.0020	0.0063
16	-3.75	0.0182	0.0816	16	-2.50	0.0005	0.0037	16	-5.00	0.0034	0.0097
17	-3.60	0.0215	0.1032	17	-2.40	0.0006	0.0043	17	-4.80	0.0050	0.0146
18	-3.45	0.0232	0.1263	18	-2.30	0.0009	0.0052	18	-4.60	0.0075	0.0221
19	-3.30	0.0243	0.1506	19	-2.20	0.0010	0.0062	19	-4.40	0.0107	0.0328
20	-3.15	0.0258	0.1764	20	-2.10	0.0012	0.0073	20	-4.20	0.0141	0.0469
21	-3.00	0.0254	0.2018	21	-2.00	0.0015	0.0088	21	-4.00	0.0183	0.0652
22	-2.85	0.0251	0.2269	22	-1.90	0.0016	0.0104	22	-3.80	0.0230	0.0883
23	-2.70	0.0243	0.2512	23	-1.80	0.0020	0.0124	23	-3.60	0.0279	0.1161
24	-2.55	0.0227	0.2739	24	-1.70	0.0023	0.0147	24	-3.40	0.0318	0.1479
25	-2.40	0.0211	0.2949	25	-1.60	0.0027	0.0175	25	-3.20	0.0338	0.1817
26	-2.25	0.0194	0.3143	26	-1.50	0.0035	0.0209	26	-3.00	0.0340	0.2156
27	-2.10	0.0180	0.3323	27	-1.40	0.0042	0.0251	27	-2.80	0.0318	0.2474
28	-1.95	0.0163	0.3486	28	-1.30	0.0052	0.0304	28	-2.60	0.0290	0.2765
29	-1.80	0.0143	0.3628	29	-1.20	0.0073	0.0376	29	-2.40	0.0266	0.3030
30	-1.65	0.0144	0.3773	30	-1.10	0.0087	0.0463	30	-2.20	0.0232	0.3262
31	-1.50	0.0135	0.3907	31	-1.00	0.0115	0.0578	31	-2.00	0.0218	0.3480
32	-1.35	0.0131	0.4038	32	-0.90	0.0145	0.0724	32	-1.80	0.0194	0.3674
33	-1.20	0.0126	0.4164	33	-0.80	0.0190	0.0914	33	-1.60	0.0178	0.3851
34	-1.05	0.0115	0.4279	34	-0.70	0.0260	0.1174	34	-1.40	0.0165	0.4017
35	-0.90	0.0116	0.4396	35	-0.60	0.0338	0.1512	35	-1.20	0.0160	0.4176
36	-0.75	0.0114	0.4509	36	-0.50	0.0432	0.1944	36	-1.00	0.0155	0.4331
37	-0.60	0.0118	0.4628	37	-0.40	0.0544	0.2488	37	-0.80	0.0150	0.4482
38	-0.45	0.0111	0.4739	38	-0.30	0.0655	0.3143	38	-0.60	0.0147	0.4629
39	-0.30	0.0112	0.4851	39	-0.20	0.0746	0.3889	39	-0.40	0.0149	0.4778
40	-0.15	0.0110	0.4960	40	-0.10	0.0793	0.4682	40	-0.20	0.0143	0.4921
41	0.	0.0116	0.5077	41	0.	0.0801	0.5483	41	0.	0.0150	0.5071
42	0.15	0.0109	0.5185	42	0.10	0.0765	0.6248	42	0.20	0.0147	0.5218
43	0.30	0.0111	0.5296	43	0.20	0.0702	0.6950	43	0.40	0.0152	0.5370
44	0.45	0.0113	0.5409	44	0.30	0.0614	0.7564	44	0.60	0.0147	0.5517
45	0.60	0.0109	0.5517	45	0.40	0.0504	0.8068	45	0.80	0.0156	0.5674
46	0.75	0.0119	0.5636	46	0.50	0.0401	0.8469	46	1.00	0.0159	0.5833
47	0.90	0.0117	0.5753	47	0.60	0.0320	0.8789	47	1.20	0.0162	0.5995
48	1.05	0.0122	0.5875	48	0.70	0.0255	0.9044	48	1.40	0.0172	0.6167
49	1.20	0.0123	0.5998	49	0.80	0.0191	0.9235	49	1.60	0.0160	0.6347
50	1.35	0.0129	0.6128	50	0.90	0.0149	0.9384	50	1.80	0.0199	0.6546
51	1.50	0.0133	0.6260	51	1.00	0.0115	0.9498	51	2.00	0.0218	0.6764
52	1.65	0.0146	0.6407	52	1.10	0.0098	0.9596	52	2.20	0.0238	0.7002
53	1.80	0.0151	0.6558	53	1.20	0.0069	0.9665	53	2.40	0.0263	0.7265
54	1.95	0.0160	0.6718	54	1.30	0.0056	0.9721	54	2.60	0.0273	0.7538
55	2.10	0.0176	0.6894	55	1.40	0.0049	0.9770	55	2.80	0.0301	0.7838
56	2.25	0.0187	0.7081	56	1.50	0.0038	0.9807	56	3.00	0.0316	0.8155
57	2.40	0.0210	0.7290	57	1.60	0.0032	0.9840	57	3.20	0.0316	0.8470
58	2.55	0.0220	0.7510	58	1.70	0.0026	0.9866	58	3.40	0.0303	0.8774
59	2.70	0.0231	0.7741	59	1.80	0.0022	0.9887	59	3.60	0.0277	0.9050
60	2.85	0.0241	0.7983	60	1.90	0.0018	0.9905	60	3.80	0.0237	0.9287
61	3.00	0.0247	0.8229	61	2.00	0.0014	0.9918	61	4.00	0.0202	0.9489
62	3.15	0.0247	0.8476	62	2.10	0.0011	0.9929	62	4.20	0.0159	0.9648
63	3.30	0.0241	0.8717	63	2.20	0.0010	0.9939	63	4.40	0.0115	0.9763
64	3.45	0.0222	0.8939	64	2.30	0.0009	0.9948	64	4.60	0.0081	0.9844
65	3.60	0.0204	0.9143	65	2.40	0.0008	0.9956	65	4.80	0.0058	0.9902
66	3.75	0.0181	0.9324	66	2.50	0.0006	0.9962	66	5.00	0.0038	0.9939
67	3.90	0.0156	0.9480	67	2.60	0.0005	0.9967	67	5.20	0.0023	0.9963
68	4.05	0.0134	0.9614	68	2.70	0.0004	0.9971	68	5.40	0.0015	0.9977
69	4.20	0.0099	0.9713	69	2.80	0.0005	0.9976	69	5.60	0.0008	0.9986
70	4.35	0.0082	0.9794	70	2.90	0.0003	0.9979	70	5.80	0.0006	0.9991
71	4.50	0.0060	0.9854	71	3.00	0.0003	0.9982	71	6.00	0.0003	0.9994
72	4.65	0.0050	0.9904	72	3.10	0.0002	0.9984	72	6.20	0.0002	0.9996
73	4.80	0.0035	0.9939	73	3.20	0.0002	0.9986	73	6.40	0.0002	0.9998
74	4.95	0.0028	0.9966	74	3.30	0.0002	0.9988	74	6.60	0.0001	0.9998
75	5.10	0.0016	0.9983	75	3.40	0.0002	0.9989	75	6.80	0.0000	0.9999
76	5.25	0.0011	0.9993	76	3.50	0.0001	0.9991	76	7.00	0.0000	0.9999
77	5.40	0.0006	0.9999	77	3.60	0.0001	0.9992	77	7.20	0.0000	1.0000
78	5.55	0.0001	1.0001	78	3.70	0.0001	0.9993	78	7.40	0.0001	1.0000
79	5.70	0.0000	1.0001	79	3.80	0.0001	0.9993	79	7.60	0.0000	1.0000
80	5.85	0.	1.0001	80	3.90	0.0001	0.9994	80	7.80	0.0000	1.0001
81	6.00	0.	1.0001	81	4.00	0.0001	0.9995	81	8.00	0.	1.0001

I - INTERVAL NUMBER X - INTERVAL CENTER VALUE

P(X) - PROBABILITY MASS FUNCTION F(X) - CUMULATIVE DISTRIBUTION FUNCTION

WILLETS PT. N.Y.

STATISTICS FOR JANUARY

ASTRONOMICAL TIDE				STORM SURGE				TOTAL WATER LEVEL			
MEAN-0.26		STND DEV 2.75		MEAN 0.02		STND DEV 0.86		MEAN-0.23		STND DEV 2.62	
I	X	P(X)	F(X)	I	X	P(X)	F(X)	I	X	P(X)	F(X)
1	-6.00	0.	0.	1	-4.00	0.	0.0005	1	-8.00	0.	0.
2	-5.85	0.	0.	2	-3.90	0.0001	0.0006	2	-7.80	0.	0.
3	-5.70	0.	0.	3	-3.80	0.0001	0.0007	3	-7.60	0.	0.
4	-5.55	0.	0.	4	-3.70	0.	0.0007	4	-7.40	0.0001	0.0001
5	-5.40	0.0004	0.0004	5	-3.60	0.0004	0.0011	5	-7.20	0.0001	0.0001
6	-5.25	0.0018	0.0023	6	-3.50	0.0002	0.0013	6	-7.00	0.0003	0.0004
7	-5.10	0.0026	0.0049	7	-3.40	0.0001	0.0014	7	-6.80	0.0001	0.0005
8	-4.95	0.0024	0.0073	8	-3.30	0.0001	0.0016	8	-6.60	0.	0.0005
9	-4.80	0.0049	0.0122	9	-3.20	0.0005	0.0021	9	-6.40	0.0004	0.0009
10	-4.65	0.0075	0.0197	10	-3.10	0.0003	0.0024	10	-6.20	0.0004	0.0013
11	-4.50	0.0071	0.0268	11	-3.00	0.0004	0.0027	11	-6.00	0.0016	0.0029
12	-4.35	0.0115	0.0383	12	-2.90	0.0005	0.0032	12	-5.80	0.0015	0.0044
13	-4.20	0.0125	0.0508	13	-2.80	0.0011	0.0044	13	-5.60	0.0027	0.0072
14	-4.05	0.0197	0.0705	14	-2.70	0.0006	0.0050	14	-5.40	0.0041	0.0112
15	-3.90	0.0213	0.0918	15	-2.60	0.0007	0.0057	15	-5.20	0.0048	0.0160
16	-3.75	0.0219	0.1137	16	-2.50	0.0006	0.0064	16	-5.00	0.0066	0.0226
17	-3.60	0.0270	0.1407	17	-2.40	0.0007	0.0071	17	-4.80	0.0102	0.0327
18	-3.45	0.0269	0.1676	18	-2.30	0.0016	0.0087	18	-4.60	0.0139	0.0466
19	-3.30	0.0260	0.1936	19	-2.20	0.0014	0.0101	19	-4.40	0.0163	0.0629
20	-3.15	0.0268	0.2204	20	-2.10	0.0022	0.0123	20	-4.20	0.0174	0.0803
21	-3.00	0.0252	0.2456	21	-2.00	0.0034	0.0157	21	-4.00	0.0204	0.1007
22	-2.85	0.0248	0.2704	22	-1.90	0.0031	0.0188	22	-3.80	0.0215	0.1222
23	-2.70	0.0228	0.2932	23	-1.80	0.0052	0.0240	23	-3.60	0.0282	0.1504
24	-2.55	0.0197	0.3128	24	-1.70	0.0046	0.0286	24	-3.40	0.0288	0.1793
25	-2.40	0.0160	0.3288	25	-1.60	0.0061	0.0347	25	-3.20	0.0293	0.2086
26	-2.25	0.0179	0.3467	26	-1.50	0.0082	0.0429	26	-3.00	0.0271	0.2356
27	-2.10	0.0146	0.3614	27	-1.40	0.0099	0.0527	27	-2.80	0.0281	0.2637
28	-1.95	0.0130	0.3743	28	-1.30	0.0119	0.0646	28	-2.60	0.0237	0.2874
29	-1.80	0.0120	0.3863	29	-1.20	0.0146	0.0792	29	-2.40	0.0251	0.3125
30	-1.65	0.0143	0.4005	30	-1.10	0.0166	0.0958	30	-2.20	0.0232	0.3357
31	-1.50	0.0114	0.4119	31	-1.00	0.0194	0.1152	31	-2.00	0.0219	0.3576
32	-1.35	0.0128	0.4247	32	-0.90	0.0224	0.1377	32	-1.80	0.0192	0.3768
33	-1.20	0.0129	0.4376	33	-0.80	0.0262	0.1639	33	-1.60	0.0167	0.3935
34	-1.05	0.0125	0.4501	34	-0.70	0.0281	0.1920	34	-1.40	0.0182	0.4117
35	-0.90	0.0113	0.4614	35	-0.60	0.0363	0.2283	35	-1.20	0.0177	0.4294
36	-0.75	0.0107	0.4721	36	-0.50	0.0382	0.2665	36	-1.00	0.0166	0.4460
37	-0.60	0.0111	0.4832	37	-0.40	0.0435	0.3100	37	-0.80	0.0156	0.4616
38	-0.45	0.0095	0.4926	38	-0.30	0.0452	0.3552	38	-0.60	0.0137	0.4753
39	-0.30	0.0104	0.5030	39	-0.20	0.0513	0.4065	39	-0.40	0.0161	0.4914
40	-0.15	0.0102	0.5132	40	-0.10	0.0515	0.4580	40	-0.20	0.0157	0.5071
41	0.	0.0115	0.5248	41	0.	0.0534	0.5114	41	0.	0.0148	0.5219
42	0.15	0.0122	0.5369	42	0.10	0.0522	0.5635	42	0.20	0.0159	0.5378
43	0.30	0.0122	0.5491	43	0.20	0.0558	0.6193	43	0.40	0.0164	0.5542
44	0.45	0.0126	0.5617	44	0.30	0.0512	0.6705	44	0.60	0.0174	0.5715
45	0.60	0.0105	0.5722	45	0.40	0.0450	0.7155	45	0.80	0.0197	0.5912
46	0.75	0.0115	0.5837	46	0.50	0.0410	0.7565	46	1.00	0.0177	0.6089
47	0.90	0.0123	0.5960	47	0.60	0.0357	0.7922	47	1.20	0.0186	0.6274
48	1.05	0.0131	0.6091	48	0.70	0.0330	0.8253	48	1.40	0.0187	0.6462
49	1.20	0.0129	0.6220	49	0.80	0.0289	0.8541	49	1.60	0.0199	0.6660
50	1.35	0.0138	0.6358	50	0.90	0.0260	0.8802	50	1.80	0.0223	0.6885
51	1.50	0.0141	0.6498	51	1.00	0.0212	0.9013	51	2.00	0.0257	0.7143
52	1.65	0.0175	0.6673	52	1.10	0.0177	0.9190	52	2.20	0.0251	0.7394
53	1.80	0.0188	0.6861	53	1.20	0.0119	0.9310	53	2.40	0.0311	0.7704
54	1.95	0.0164	0.7025	54	1.30	0.0132	0.9442	54	2.60	0.0284	0.7988
55	2.10	0.0203	0.7228	55	1.40	0.0107	0.9549	55	2.80	0.0290	0.8278
56	2.25	0.0220	0.7448	56	1.50	0.0071	0.9620	56	3.00	0.0296	0.8574
57	2.40	0.0203	0.7651	57	1.60	0.0068	0.9688	57	3.20	0.0292	0.8867
58	2.55	0.0235	0.7886	58	1.70	0.0058	0.9746	58	3.40	0.0255	0.9122
59	2.70	0.0270	0.8156	59	1.80	0.0042	0.9787	59	3.60	0.0211	0.9333
60	2.85	0.0243	0.8399	60	1.90	0.0029	0.9816	60	3.80	0.0179	0.9511
61	3.00	0.0238	0.8638	61	2.00	0.0026	0.9843	61	4.00	0.0134	0.9646
62	3.15	0.0246	0.8883	62	2.10	0.0021	0.9864	62	4.20	0.0108	0.9753
63	3.30	0.0204	0.9087	63	2.20	0.0019	0.9883	63	4.40	0.0086	0.9839
64	3.45	0.0202	0.9290	64	2.30	0.0016	0.9898	64	4.60	0.0059	0.9898
65	3.60	0.0183	0.9472	65	2.40	0.0014	0.9912	65	4.80	0.0042	0.9939
66	3.75	0.0149	0.9622	66	2.50	0.0010	0.9922	66	5.00	0.0015	0.9954
67	3.90	0.0108	0.9729	67	2.60	0.0017	0.9939	67	5.20	0.0014	0.9969
68	4.05	0.0082	0.9811	68	2.70	0.0011	0.9950	68	5.40	0.0013	0.9981
69	4.20	0.0071	0.9882	69	2.80	0.0009	0.9958	69	5.60	0.0007	0.9989
70	4.35	0.0045	0.9927	70	2.90	0.0007	0.9966	70	5.80	0.0006	0.9995
71	4.50	0.0033	0.9960	71	3.00	0.0006	0.9972	71	6.00	0.0002	0.9997
72	4.65	0.0022	0.9982	72	3.10	0.0005	0.9977	72	6.20	0.	0.9997
73	4.80	0.0014	0.9997	73	3.20	0.0002	0.9979	73	6.40	0.0002	0.9999
74	4.95	0.0003	1.0000	74	3.30	0.0004	0.9983	74	6.60	0.0001	1.0000
75	5.10	0.	1.0000	75	3.40	0.0003	0.9986	75	6.80	0.	1.0000
76	5.25	0.	1.0000	76	3.50	0.0006	0.9991	76	7.00	0.	1.0000
77	5.40	0.	1.0000	77	3.60	0.0002	0.9994	77	7.20	0.	1.0000
78	5.55	0.	1.0000	78	3.70	0.0004	0.9997	78	7.40	0.	1.0000
79	5.70	0.	1.0000	79	3.80	0.0001	0.9998	79	7.60	0.	1.0000
80	5.85	0.	1.0000	80	3.90	0.0001	0.9999	80	7.80	0.	1.0000
81	6.00	0.	1.0000	81	4.00	0.0001	0.9999	81	8.00	0.	1.0000

I - INTERVAL NUMBER X - INTERVAL CENTER VALUE

P(X) - PROBABILITY MASS FUNCTION F(X) - CUMULATIVE DISTRIBUTION FUNCTION

WILLETS PT. N.Y.

STATISTICS FOR FEBRUARY

ASTRONOMICAL TIDE				STORM SURGE				TOTAL WATER LEVEL			
MEAN-0.25		STND DEV 2.77		MEAN-0.04		STND DEV 0.90		MEAN-0.28		STND DEV 2.86	
I	X	P(X)	F(X)	I	X	P(X)	F(X)	I	X	P(X)	F(X)
1	-6.00	0.	0.	1	-4.00	0.0001	0.0003	1	-8.00	0.	0.
2	-5.85	0.	0.	2	-3.90	0.0001	0.0003	2	-7.80	0.	0.
3	-5.70	0.	0.	3	-3.80	0.0002	0.0005	3	-7.60	0.	0.
4	-5.55	0.0001	0.0001	4	-3.70	0.0003	0.0008	4	-7.40	0.	0.
5	-5.40	0.0005	0.0006	5	-3.60	0.0001	0.0008	5	-7.20	0.0001	0.0001
6	-5.25	0.0019	0.0025	6	-3.50	0.0001	0.0009	6	-7.00	0.0002	0.0003
7	-5.10	0.0028	0.0052	7	-3.40	0.0005	0.0014	7	-6.80	0.0005	0.0008
8	-4.95	0.0054	0.0106	8	-3.30	0.0003	0.0018	8	-6.60	0.0005	0.0013
9	-4.80	0.0053	0.0160	9	-3.20	0.0006	0.0024	9	-6.40	0.0007	0.0019
10	-4.65	0.0085	0.0245	10	-3.10	0.0005	0.0029	10	-6.20	0.0011	0.0030
11	-4.50	0.0081	0.0326	11	-3.00	0.0007	0.0035	11	-6.00	0.0011	0.0041
12	-4.35	0.0111	0.0437	12	-2.90	0.0012	0.0047	12	-5.80	0.0015	0.0056
13	-4.20	0.0160	0.0597	13	-2.80	0.0018	0.0065	13	-5.60	0.0024	0.0080
14	-4.05	0.0179	0.0775	14	-2.70	0.0019	0.0084	14	-5.40	0.0031	0.0111
15	-3.90	0.0206	0.0981	15	-2.60	0.0018	0.0102	15	-5.20	0.0045	0.0155
16	-3.75	0.0216	0.1197	16	-2.50	0.0018	0.0119	16	-5.00	0.0078	0.0234
17	-3.60	0.0259	0.1456	17	-2.40	0.0026	0.0145	17	-4.80	0.0087	0.0320
18	-3.45	0.0244	0.1699	18	-2.30	0.0028	0.0173	18	-4.60	0.0143	0.0463
19	-3.30	0.0251	0.1950	19	-2.20	0.0036	0.0209	19	-4.40	0.0163	0.0626
20	-3.15	0.0249	0.2199	20	-2.10	0.0040	0.0249	20	-4.20	0.0214	0.0840
21	-3.00	0.0229	0.2428	21	-2.00	0.0056	0.0305	21	-4.00	0.0246	0.1086
22	-2.85	0.0238	0.2666	22	-1.90	0.0040	0.0344	22	-3.80	0.0275	0.1361
23	-2.70	0.0216	0.2882	23	-1.80	0.0045	0.0389	23	-3.60	0.0266	0.1626
24	-2.55	0.0206	0.3089	24	-1.70	0.0047	0.0436	24	-3.40	0.0321	0.1947
25	-2.40	0.0182	0.3270	25	-1.60	0.0052	0.0518	25	-3.20	0.0305	0.2252
26	-2.25	0.0156	0.3426	26	-1.50	0.0078	0.0596	26	-3.00	0.0268	0.2520
27	-2.10	0.0164	0.3590	27	-1.40	0.0093	0.0689	27	-2.80	0.0266	0.2787
28	-1.95	0.0151	0.3740	28	-1.30	0.0094	0.0783	28	-2.60	0.0233	0.3019
29	-1.80	0.0122	0.3862	29	-1.20	0.0156	0.0939	29	-2.40	0.0237	0.3256
30	-1.65	0.0139	0.4001	30	-1.10	0.0145	0.1084	30	-2.20	0.0193	0.3449
31	-1.50	0.0124	0.4126	31	-1.00	0.0193	0.1277	31	-2.00	0.0203	0.3653
32	-1.35	0.0115	0.4241	32	-0.90	0.0223	0.1500	32	-1.80	0.0183	0.3836
33	-1.20	0.0124	0.4365	33	-0.80	0.0248	0.1747	33	-1.60	0.0187	0.4023
34	-1.05	0.0098	0.4463	34	-0.70	0.0297	0.2044	34	-1.40	0.0170	0.4193
35	-0.90	0.0104	0.4567	35	-0.60	0.0333	0.2377	35	-1.20	0.0155	0.4348
36	-0.75	0.0132	0.4699	36	-0.50	0.0367	0.2744	36	-1.00	0.0159	0.4507
37	-0.60	0.0111	0.4810	37	-0.40	0.0397	0.3141	37	-0.80	0.0170	0.4677
38	-0.45	0.0117	0.4927	38	-0.30	0.0466	0.3607	38	-0.60	0.0165	0.4841
39	-0.30	0.0103	0.5030	39	-0.20	0.0548	0.4155	39	-0.40	0.0155	0.4996
40	-0.15	0.0111	0.5142	40	-0.10	0.0555	0.4710	40	-0.20	0.0147	0.5143
41	0.	0.0123	0.5264	41	0.	0.0619	0.5329	41	0.	0.0156	0.5299
42	0.15	0.0123	0.5387	42	0.10	0.0578	0.5907	42	0.20	0.0153	0.5452
43	0.30	0.0103	0.5490	43	0.20	0.0536	0.6443	43	0.40	0.0173	0.5625
44	0.45	0.0110	0.5600	44	0.30	0.0507	0.6951	44	0.60	0.0161	0.5786
45	0.60	0.0113	0.5713	45	0.40	0.0480	0.7430	45	0.80	0.0171	0.5957
46	0.75	0.0118	0.5831	46	0.50	0.0411	0.7841	46	1.00	0.0182	0.6139
47	0.90	0.0118	0.5949	47	0.60	0.0356	0.8197	47	1.20	0.0203	0.6342
48	1.05	0.0120	0.6069	48	0.70	0.0347	0.8544	48	1.40	0.0208	0.6551
49	1.20	0.0132	0.6201	49	0.80	0.0260	0.8805	49	1.60	0.0218	0.6769
50	1.35	0.0142	0.6343	50	0.90	0.0218	0.9023	50	1.80	0.0229	0.6999
51	1.50	0.0154	0.6496	51	1.00	0.0186	0.9209	51	2.00	0.0234	0.7233
52	1.65	0.0180	0.6677	52	1.10	0.0155	0.9364	52	2.20	0.0244	0.7477
53	1.80	0.0183	0.6859	53	1.20	0.0103	0.9467	53	2.40	0.0255	0.7732
54	1.95	0.0192	0.7051	54	1.30	0.0072	0.9540	54	2.60	0.0263	0.7995
55	2.10	0.0192	0.7243	55	1.40	0.0076	0.9615	55	2.80	0.0296	0.8291
56	2.25	0.0183	0.7426	56	1.50	0.0057	0.9672	56	3.00	0.0290	0.8580
57	2.40	0.0217	0.7643	57	1.60	0.0039	0.9711	57	3.20	0.0263	0.8843
58	2.55	0.0233	0.7877	58	1.70	0.0040	0.9751	58	3.40	0.0221	0.9064
59	2.70	0.0221	0.8098	59	1.80	0.0041	0.9792	59	3.60	0.0231	0.9295
60	2.85	0.0252	0.8350	60	1.90	0.0023	0.9815	60	3.80	0.0151	0.9446
61	3.00	0.0207	0.8557	61	2.00	0.0018	0.9833	61	4.00	0.0120	0.9566
62	3.15	0.0210	0.8767	62	2.10	0.0012	0.9845	62	4.20	0.0131	0.9698
63	3.30	0.0246	0.9014	63	2.20	0.0014	0.9859	63	4.40	0.0097	0.9794
64	3.45	0.0199	0.9213	64	2.30	0.0015	0.9874	64	4.60	0.0061	0.9856
65	3.60	0.0179	0.9392	65	2.40	0.0015	0.9889	65	4.80	0.0045	0.9900
66	3.75	0.0157	0.9549	66	2.50	0.0013	0.9902	66	5.00	0.0036	0.9936
67	3.90	0.0129	0.9678	67	2.60	0.0012	0.9914	67	5.20	0.0019	0.9955
68	4.05	0.0089	0.9767	68	2.70	0.0007	0.9920	68	5.40	0.0010	0.9965
69	4.20	0.0069	0.9836	69	2.80	0.0011	0.9931	69	5.60	0.0012	0.9976
70	4.35	0.0068	0.9903	70	2.90	0.0008	0.9940	70	5.20	0.0008	0.9984
71	4.50	0.0039	0.9942	71	3.00	0.0007	0.9946	71	6.00	0.0004	0.9988
72	4.65	0.0038	0.9980	72	3.10	0.0005	0.9951	72	6.20	0.0003	0.9991
73	4.80	0.0016	0.9996	73	3.20	0.0007	0.9958	73	6.40	0.0003	0.9993
74	4.95	0.0004	1.0000	74	3.30	0.0003	0.9961	74	6.60	0.0001	0.9994
75	5.10	0.	1.0000	75	3.40	0.0008	0.9970	75	6.80	0.0001	0.9995
76	5.25	0.	1.0000	76	3.50	0.0003	0.9973	76	7.00	0.0001	0.9996
77	5.40	0.	1.0000	77	3.60	0.0003	0.9976	77	7.20	0.0001	0.9997
78	5.55	0.	1.0000	78	3.70	0.0001	0.9977	78	7.40	0.	0.9997
79	5.70	0.	1.0000	79	3.80	0.0003	0.9981	79	7.60	0.0003	0.9999
80	5.85	0.	1.0000	80	3.90	0.0006	0.9987	80	7.80	0.0001	1.0000
81	6.00	0.	1.0000	81	4.00	0.0003	0.9989	81	8.00	0.	1.0000

I - INTERVAL NUMBER X - INTERVAL CENTER VALUE

P(X) - PROBABILITY MASS FUNCTION F(X) - CUMULATIVE DISTRIBUTION FUNCTION

WILLETS PT. N.Y.

STATISTICS FOR MARCH

ASTRONOMICAL TIDE				STORM SURGE				TOTAL WATER LEVEL			
MEAN-0.15		STND DEV 2.75		MEAN 0.05		STND DEV 0.81		MEAN-0.09		STND DEV 2.83	
I	X	P(X)	F(X)	I	X	P(X)	F(X)	I	X	P(X)	F(X)
1	-6.00	0.	0.	1	-4.00	0.0001	0.0001	1	-8.00	0.	0.
2	-5.85	0.	0.	2	-3.90	0.0001	0.0003	2	-7.80	0.	0.
3	-5.70	0.	0.	3	-3.80	0.0001	0.0003	3	-7.60	0.	0.
4	-5.55	0.	0.	4	-3.70	0.	0.0003	4	-7.40	0.0001	0.0001
5	-5.40	0.0003	0.0003	5	-3.60	0.0001	0.0005	5	-7.20	0.0001	0.0001
6	-5.25	0.0013	0.0016	6	-3.50	0.0002	0.0007	6	-7.00	0.0001	0.0002
7	-5.10	0.0023	0.0039	7	-3.40	0.0001	0.0009	7	-6.80	0.0003	0.0005
8	-4.95	0.0038	0.0077	8	-3.30	0.0004	0.0013	8	-6.60	0.0005	0.0010
9	-4.80	0.0053	0.0130	9	-3.20	0.0006	0.0018	9	-6.40	0.0006	0.0016
10	-4.65	0.0070	0.0200	10	-3.10	0.0003	0.0021	10	-6.20	0.0011	0.0028
11	-4.50	0.0067	0.0267	11	-3.00	0.0009	0.0030	11	-6.00	0.0005	0.0033
12	-4.35	0.0097	0.0364	12	-2.90	0.0011	0.0041	12	-5.80	0.0015	0.0048
13	-4.20	0.0112	0.0476	13	-2.80	0.0012	0.0053	13	-5.60	0.0020	0.0067
14	-4.05	0.0149	0.0625	14	-2.70	0.0010	0.0063	14	-5.40	0.0024	0.0091
15	-3.90	0.0183	0.0809	15	-2.60	0.0011	0.0074	15	-5.20	0.0028	0.0119
16	-3.75	0.0214	0.1022	16	-2.50	0.0011	0.0085	16	-5.00	0.0049	0.0168
17	-3.60	0.0250	0.1273	17	-2.40	0.0013	0.0098	17	-4.80	0.0070	0.0238
18	-3.45	0.0240	0.1513	18	-2.30	0.0016	0.0113	18	-4.60	0.0106	0.0344
19	-3.30	0.0231	0.1745	19	-2.20	0.0018	0.0131	19	-4.40	0.0130	0.0473
20	-3.15	0.0265	0.2009	20	-2.10	0.0019	0.0150	20	-4.20	0.0161	0.0634
21	-3.00	0.0239	0.2248	21	-2.00	0.0025	0.0175	21	-4.00	0.0193	0.0827
22	-2.85	0.0238	0.2486	22	-1.90	0.0027	0.0202	22	-3.80	0.0233	0.1060
23	-2.70	0.0217	0.2702	23	-1.80	0.0028	0.0230	23	-3.60	0.0261	0.1321
24	-2.55	0.0219	0.2922	24	-1.70	0.0028	0.0258	24	-3.40	0.0301	0.1621
25	-2.40	0.0176	0.3098	25	-1.60	0.0043	0.0301	25	-3.20	0.0301	0.1923
26	-2.25	0.0192	0.3290	26	-1.50	0.0050	0.0351	26	-3.00	0.0307	0.2229
27	-2.10	0.0169	0.3458	27	-1.40	0.0050	0.0401	27	-2.80	0.0286	0.2515
28	-1.95	0.0163	0.3622	28	-1.30	0.0062	0.0463	28	-2.60	0.0248	0.2763
29	-1.80	0.0141	0.3763	29	-1.20	0.0086	0.0549	29	-2.40	0.0238	0.3001
30	-1.65	0.0144	0.3906	30	-1.10	0.0104	0.0653	30	-2.20	0.0248	0.3249
31	-1.50	0.0128	0.4034	31	-1.00	0.0123	0.0776	31	-2.00	0.0230	0.3479
32	-1.35	0.0123	0.4158	32	-0.90	0.0158	0.0934	32	-1.80	0.0187	0.3666
33	-1.20	0.0121	0.4278	33	-0.80	0.0189	0.1123	33	-1.60	0.0188	0.3854
34	-1.05	0.0103	0.4381	34	-0.70	0.0252	0.1375	34	-1.40	0.0180	0.4033
35	-0.90	0.0112	0.4493	35	-0.60	0.0329	0.1704	35	-1.20	0.0172	0.4205
36	-0.75	0.0111	0.4604	36	-0.50	0.0376	0.2080	36	-1.00	0.0143	0.4348
37	-0.60	0.0120	0.4723	37	-0.40	0.0458	0.2538	37	-0.80	0.0150	0.4498
38	-0.45	0.0119	0.4842	38	-0.30	0.0587	0.3125	38	-0.60	0.0146	0.4644
39	-0.30	0.0132	0.4974	39	-0.20	0.0601	0.3726	39	-0.40	0.0165	0.4809
40	-0.15	0.0117	0.5090	40	-0.10	0.0675	0.4401	40	-0.20	0.0147	0.4957
41	0.	0.0110	0.5201	41	0.	0.0662	0.5062	41	0.	0.0177	0.5134
42	0.15	0.0101	0.5301	42	0.10	0.0641	0.5704	42	0.20	0.0151	0.5285
43	0.30	0.0110	0.5412	43	0.20	0.0601	0.6305	43	0.40	0.0166	0.5451
44	0.45	0.0106	0.5518	44	0.30	0.0541	0.6845	44	0.60	0.0169	0.5619
45	0.60	0.0109	0.5627	45	0.40	0.0543	0.7388	45	0.80	0.0164	0.5783
46	0.75	0.0113	0.5740	46	0.50	0.0450	0.7838	46	1.00	0.0135	0.5918
47	0.90	0.0125	0.5865	47	0.60	0.0395	0.8233	47	1.20	0.0169	0.6087
48	1.05	0.0137	0.6002	48	0.70	0.0338	0.8571	48	1.40	0.0194	0.6281
49	1.20	0.0159	0.6161	49	0.80	0.0265	0.8836	49	1.60	0.0187	0.6468
50	1.35	0.0129	0.6290	50	0.90	0.0182	0.9018	50	1.80	0.0222	0.6689
51	1.50	0.0135	0.6425	51	1.00	0.0148	0.9166	51	2.00	0.0262	0.6951
52	1.65	0.0157	0.6582	52	1.10	0.0145	0.9311	52	2.20	0.0277	0.7228
53	1.80	0.0163	0.6745	53	1.20	0.0108	0.9418	53	2.40	0.0283	0.7511
54	1.95	0.0166	0.6910	54	1.30	0.0084	0.9503	54	2.60	0.0254	0.7765
55	2.10	0.0192	0.7102	55	1.40	0.0072	0.9574	55	2.80	0.0303	0.8068
56	2.25	0.0205	0.7307	56	1.50	0.0072	0.9646	56	3.00	0.0313	0.8382
57	2.40	0.0236	0.7543	57	1.60	0.0058	0.9704	57	3.20	0.0271	0.8653
58	2.55	0.0236	0.7779	58	1.70	0.0042	0.9746	58	3.40	0.0257	0.8910
59	2.70	0.0225	0.8004	59	1.80	0.0042	0.9787	59	3.60	0.0230	0.9140
60	2.85	0.0230	0.8234	60	1.90	0.0035	0.9823	60	3.80	0.0213	0.9354
61	3.00	0.0226	0.8461	61	2.00	0.0023	0.9846	61	4.00	0.0191	0.9545
62	3.15	0.0227	0.8688	62	2.10	0.0021	0.9868	62	4.20	0.0168	0.9713
63	3.30	0.0233	0.8921	63	2.20	0.0016	0.9883	63	4.40	0.0098	0.9811
64	3.45	0.0233	0.9155	64	2.30	0.0014	0.9897	64	4.60	0.0073	0.9884
65	3.60	0.0186	0.9341	65	2.40	0.0011	0.9909	65	4.80	0.0046	0.9930
66	3.75	0.0147	0.9488	66	2.50	0.0015	0.9924	66	5.00	0.0024	0.9954
67	3.90	0.0130	0.9618	67	2.60	0.0010	0.9933	67	5.20	0.0017	0.9971
68	4.05	0.0101	0.9718	68	2.70	0.0009	0.9943	68	5.40	0.0009	0.9980
69	4.20	0.0076	0.9795	69	2.80	0.0009	0.9951	69	5.60	0.0005	0.9984
70	4.35	0.0066	0.9861	70	2.90	0.0006	0.9958	70	5.80	0.0005	0.9989
71	4.50	0.0045	0.9906	71	3.00	0.0008	0.9965	71	6.00	0.0002	0.9992
72	4.65	0.0045	0.9951	72	3.10	0.0003	0.9968	72	6.20	0.0003	0.9995
73	4.80	0.0023	0.9974	73	3.20	0.0003	0.9972	73	6.40	0.0001	0.9997
74	4.95	0.0017	0.9991	74	3.30	0.0006	0.9978	74	6.60	0.	0.9997
75	5.10	0.0006	0.9997	75	3.40	0.0004	0.9982	75	6.80	0.0001	0.9998
76	5.25	0.0003	1.0000	76	3.50	0.0002	0.9984	76	7.00	0.	0.9998
77	5.40	0.	1.0000	77	3.60	0.0003	0.9987	77	7.20	0.0001	0.9999
78	5.55	0.	1.0000	78	3.70	0.0001	0.9988	78	7.40	0.0001	1.0000
79	5.70	0.	1.0000	79	3.80	0.0001	0.9989	79	7.60	0.	1.0000
80	5.85	0.	1.0000	80	3.90	0.0003	0.9992	80	7.80	0.	1.0000
81	6.00	0.	1.0000	81	4.00	0.0001	0.9994	81	8.00	0.	1.0000

I - INTERVAL NUMBER X - INTERVAL CENTER VALUE

P(X) - PROBABILITY MASS FUNCTION F(X) - CUMULATIVE DISTRIBUTION FUNCTION

WILLETS PT. N.Y.

STATISTICS FOR APRIL

ASTRONOMICAL TIDE				STORM SURGE				TOTAL WATER LEVEL			
MEAN-0.04		STND DEV 2.77		MEAN 0.02		STND DEV 0.60		MEAN-0.01		STND DEV 2.83	
I	X	P(X)	F(X)	I	X	P(X)	F(X)	I	X	P(X)	F(X)
1	-4.00	0.	0.	1	-4.00	0.	0.	1	-8.00	0.	0.
2	-3.85	0.	0.	2	-3.90	0.	0.	2	-7.80	0.	0.
3	-3.70	0.	0.	3	-3.80	0.	0.	3	-7.60	0.	0.
4	-3.55	0.	0.	4	-3.70	0.	0.	4	-7.40	0.	0.
5	-3.40	0.0001	0.0001	5	-3.60	0.0001	0.0001	5	-7.20	0.	0.
6	-3.25	0.0012	0.0013	6	-3.50	0.	0.0001	6	-7.00	0.	0.
7	-3.10	0.0015	0.0028	7	-3.40	0.	0.0001	7	-6.80	0.	0.
8	-4.95	0.0023	0.0051	8	-3.30	0.0001	0.0001	8	-6.60	0.	0.
9	-4.80	0.0038	0.0089	9	-3.20	0.	0.0001	9	-6.40	0.	0.
10	-4.65	0.0062	0.0151	10	-3.10	0.	0.0001	10	-6.20	0.0001	0.0001
11	-4.50	0.0064	0.0215	11	-3.00	0.	0.0001	11	-6.00	0.0002	0.0003
12	-4.35	0.0089	0.0304	12	-2.90	0.0001	0.0002	12	-5.80	0.0002	0.0005
13	-4.20	0.0103	0.0406	13	-2.80	0.0001	0.0003	13	-5.60	0.0003	0.0008
14	-4.05	0.0128	0.0534	14	-2.70	0.0002	0.0005	14	-5.40	0.0008	0.0016
15	-3.90	0.0160	0.0694	15	-2.60	0.0001	0.0006	15	-5.20	0.0010	0.0026
16	-3.75	0.0190	0.0883	16	-2.50	0.0001	0.0006	16	-5.00	0.0031	0.0057
17	-3.60	0.0210	0.1093	17	-2.40	0.0003	0.0009	17	-4.80	0.0056	0.0113
18	-3.45	0.0235	0.1329	18	-2.30	0.0001	0.0010	18	-4.60	0.0081	0.0193
19	-3.30	0.0244	0.1572	19	-2.20	0.0001	0.0011	19	-4.40	0.0129	0.0322
20	-3.15	0.0228	0.1800	20	-2.10	0.0006	0.0017	20	-4.20	0.0177	0.0499
21	-3.00	0.0259	0.2059	21	-2.00	0.0003	0.0020	21	-4.00	0.0192	0.0691
22	-2.85	0.0254	0.2313	22	-1.90	0.0007	0.0027	22	-3.80	0.0262	0.0953
23	-2.70	0.0245	0.2558	23	-1.80	0.0013	0.0040	23	-3.60	0.0276	0.1229
24	-2.55	0.0215	0.2772	24	-1.70	0.0013	0.0053	24	-3.40	0.0326	0.1555
25	-2.40	0.0201	0.2973	25	-1.60	0.0011	0.0064	25	-3.20	0.0321	0.1876
26	-2.25	0.0188	0.3161	26	-1.50	0.0024	0.0088	26	-3.00	0.0305	0.2181
27	-2.10	0.0183	0.3344	27	-1.40	0.0026	0.0113	27	-2.80	0.0319	0.2500
28	-1.95	0.0168	0.3512	28	-1.30	0.0039	0.0152	28	-2.60	0.0277	0.2777
29	-1.80	0.0135	0.3647	29	-1.20	0.0059	0.0211	29	-2.40	0.0251	0.3028
30	-1.65	0.0143	0.3790	30	-1.10	0.0066	0.0277	30	-2.20	0.0219	0.3247
31	-1.50	0.0134	0.3924	31	-1.00	0.0114	0.0391	31	-2.00	0.0220	0.3467
32	-1.35	0.0134	0.4058	32	-0.90	0.0160	0.0551	32	-1.80	0.0206	0.3673
33	-1.20	0.0116	0.4174	33	-0.80	0.0232	0.0783	33	-1.60	0.0167	0.3840
34	-1.05	0.0121	0.4294	34	-0.70	0.0313	0.1096	34	-1.40	0.0173	0.4013
35	-0.90	0.0121	0.4415	35	-0.60	0.0377	0.1473	35	-1.20	0.0154	0.4167
36	-0.75	0.0124	0.4540	36	-0.50	0.0476	0.1949	36	-1.00	0.0165	0.4331
37	-0.60	0.0131	0.4670	37	-0.40	0.0582	0.2531	37	-0.80	0.0159	0.4490
38	-0.45	0.0089	0.4759	38	-0.30	0.0649	0.3180	38	-0.60	0.0148	0.4638
39	-0.30	0.0105	0.4864	39	-0.20	0.0757	0.3937	39	-0.40	0.0158	0.4796
40	-0.15	0.0121	0.4985	40	-0.10	0.0729	0.4666	40	-0.20	0.0144	0.4940
41	0.	0.0114	0.5099	41	0.	0.0797	0.5463	41	0.	0.0148	0.5088
42	0.15	0.0104	0.5203	42	0.10	0.0706	0.6169	42	0.20	0.0135	0.5223
43	0.30	0.0106	0.5308	43	0.20	0.0709	0.6879	43	0.40	0.0150	0.5373
44	0.45	0.0097	0.5405	44	0.30	0.0601	0.7479	44	0.60	0.0147	0.5520
45	0.60	0.0138	0.5542	45	0.40	0.0507	0.7986	45	0.80	0.0160	0.5680
46	0.75	0.0128	0.5670	46	0.50	0.0438	0.8424	46	1.00	0.0154	0.5833
47	0.90	0.0129	0.5799	47	0.60	0.0375	0.8799	47	1.20	0.0164	0.5997
48	1.05	0.0103	0.5901	48	0.70	0.0276	0.9076	48	1.40	0.0160	0.6157
49	1.20	0.0126	0.6027	49	0.80	0.0187	0.9263	49	1.60	0.0186	0.6343
50	1.35	0.0122	0.6149	50	0.90	0.0144	0.9407	50	1.80	0.0216	0.6559
51	1.50	0.0129	0.6278	51	1.00	0.0115	0.9522	51	2.00	0.0217	0.6776
52	1.65	0.0151	0.6429	52	1.10	0.0097	0.9618	52	2.20	0.0244	0.7021
53	1.80	0.0152	0.6581	53	1.20	0.0086	0.9704	53	2.40	0.0270	0.7291
54	1.95	0.0172	0.6753	54	1.30	0.0060	0.9764	54	2.60	0.0313	0.7604
55	2.10	0.0179	0.6931	55	1.40	0.0054	0.9817	55	2.80	0.0306	0.7910
56	2.25	0.0202	0.7133	56	1.50	0.0036	0.9854	56	3.00	0.0316	0.8226
57	2.40	0.0206	0.7339	57	1.60	0.0034	0.9888	57	3.20	0.0322	0.8548
58	2.55	0.0247	0.7585	58	1.70	0.0030	0.9917	58	3.40	0.0310	0.8858
59	2.70	0.0218	0.7804	59	1.80	0.0020	0.9938	59	3.60	0.0266	0.9124
60	2.85	0.0232	0.8035	60	1.90	0.0014	0.9951	60	3.80	0.0209	0.9333
61	3.00	0.0257	0.8292	61	2.00	0.0010	0.9962	61	4.00	0.0170	0.9504
62	3.15	0.0244	0.8537	62	2.10	0.0010	0.9972	62	4.20	0.0149	0.9652
63	3.30	0.0249	0.8786	63	2.20	0.0008	0.9981	63	4.40	0.0110	0.9762
64	3.45	0.0223	0.9009	64	2.30	0.0004	0.9985	64	4.60	0.0084	0.9846
65	3.60	0.0184	0.9193	65	2.40	0.0003	0.9988	65	4.80	0.0054	0.9899
66	3.75	0.0165	0.9358	66	2.50	0.0002	0.9990	66	5.00	0.0034	0.9933
67	3.90	0.0146	0.9504	67	2.60	0.0001	0.9991	67	5.20	0.0020	0.9954
68	4.05	0.0118	0.9622	68	2.70	0.0001	0.9992	68	5.40	0.0017	0.9970
69	4.20	0.0097	0.9719	69	2.80	0.0002	0.9994	69	5.60	0.0009	0.9979
70	4.35	0.0080	0.9799	70	2.90	0.	0.9994	70	5.80	0.0010	0.9989
71	4.50	0.0057	0.9856	71	3.00	0.	0.9994	71	6.00	0.0004	0.9993
72	4.65	0.0043	0.9899	72	3.10	0.0001	0.9996	72	6.20	0.0002	0.9995
73	4.80	0.0032	0.9931	73	3.20	0.0001	0.9997	73	6.40	0.0003	0.9998
74	4.95	0.0031	0.9962	74	3.30	0.	0.9997	74	6.60	0.0002	1.0000
75	5.10	0.0017	0.9979	75	3.40	0.0001	0.9997	75	6.80	0.	1.0000
76	5.25	0.0015	0.9994	76	3.50	0.0001	0.9999	76	7.00	0.	1.0000
77	5.40	0.0006	1.0000	77	3.60	0.	0.9999	77	7.20	0.	1.0000
78	5.55	0.	1.0000	78	3.70	0.0001	0.9999	78	7.40	0.	1.0000
79	5.70	0.	1.0000	79	3.80	0.	0.9999	79	7.60	0.	1.0000
80	5.85	0.	1.0000	80	3.90	0.0001	1.0000	80	7.80	0.	1.0000
81	6.00	0.	1.0000	81	4.00	0.	1.0000	81	8.00	0.	1.0000

I - INTERVAL NUMBER X - INTERVAL CENTER VALUE

P(X) - PROBABILITY MASS FUNCTION F(X) - CUMULATIVE DISTRIBUTION FUNCTION

WILLETS PT. N.Y.

STATISTICS FOR MAY

ASTRONOMICAL TIDE				STORM SURGE				TOTAL WATER LEVEL			
MEAN 0.06		STND DEV 2.76		MEAN 0.01		STND DEV 0.48		MEAN 0.08		STND DEV 2.83	
I	X	P(X)	F(X)	I	X	P(X)	F(X)	I	X	P(X)	F(X)
1	-6.00	0.	0.	1	-4.00	0.	0.	1	-8.00	0.	0.
2	-5.85	0.	0.	2	-3.90	0.	0.	2	-7.80	0.	0.
3	-5.70	0.	0.	3	-3.80	0.	0.	3	-7.60	0.	0.
4	-5.55	0.	0.	4	-3.70	0.	0.	4	-7.40	0.	0.
5	-5.40	0.	0.	5	-3.60	0.	0.	5	-7.20	0.	0.
6	-5.25	0.0004	0.0004	6	-3.50	0.	0.	6	-7.00	0.	0.
7	-5.10	0.0010	0.0014	7	-3.40	0.	0.	7	-6.80	0.	0.
8	-4.95	0.0020	0.0034	8	-3.30	0.	0.	8	-6.60	0.	0.
9	-4.80	0.0032	0.0066	9	-3.20	0.	0.	9	-6.40	0.	0.
10	-4.65	0.0032	0.0097	10	-3.10	0.	0.	10	-6.20	0.	0.
11	-4.50	0.0051	0.0149	11	-3.00	0.	0.	11	-6.00	0.0001	0.0001
12	-4.35	0.0068	0.0216	12	-2.90	0.0001	0.0001	12	-5.80	0.	0.0001
13	-4.20	0.0087	0.0304	13	-2.80	0.	0.0001	13	-5.60	0.0003	0.0003
14	-4.05	0.0100	0.0404	14	-2.70	0.	0.0001	14	-5.40	0.0006	0.0009
15	-3.90	0.0140	0.0544	15	-2.60	0.0001	0.0002	15	-5.20	0.0011	0.0020
16	-3.75	0.0182	0.0726	16	-2.50	0.	0.0002	16	-5.00	0.0017	0.0037
17	-3.60	0.0188	0.0914	17	-2.40	0.	0.0002	17	-4.80	0.0039	0.0076
18	-3.45	0.0227	0.1141	18	-2.30	0.0001	0.0003	18	-4.60	0.0055	0.0130
19	-3.30	0.0245	0.1386	19	-2.20	0.	0.0003	19	-4.40	0.0096	0.0226
20	-3.15	0.0260	0.1646	20	-2.10	0.	0.0003	20	-4.20	0.0108	0.0334
21	-3.00	0.0265	0.1911	21	-2.00	0.	0.0003	21	-4.00	0.0168	0.0503
22	-2.85	0.0255	0.2166	22	-1.90	0.0003	0.0006	22	-3.80	0.0231	0.0734
23	-2.70	0.0247	0.2413	23	-1.80	0.0001	0.0007	23	-3.60	0.0302	0.1036
24	-2.55	0.0238	0.2651	24	-1.70	0.0003	0.0010	24	-3.40	0.0336	0.1371
25	-2.40	0.0222	0.2873	25	-1.60	0.0003	0.0014	25	-3.20	0.0365	0.1736
26	-2.25	0.0196	0.3069	26	-1.50	0.0004	0.0018	26	-3.00	0.0357	0.2093
27	-2.10	0.0207	0.3276	27	-1.40	0.0008	0.0025	27	-2.80	0.0345	0.2438
28	-1.95	0.0154	0.3430	28	-1.30	0.0014	0.0040	28	-2.60	0.0315	0.2753
29	-1.80	0.0134	0.3564	29	-1.20	0.0027	0.0067	29	-2.40	0.0270	0.3023
30	-1.65	0.0147	0.3711	30	-1.10	0.0042	0.0108	30	-2.20	0.0224	0.3247
31	-1.50	0.0137	0.3848	31	-1.00	0.0061	0.0170	31	-2.00	0.0208	0.3455
32	-1.35	0.0138	0.3987	32	-0.90	0.0098	0.0268	32	-1.80	0.0192	0.3646
33	-1.20	0.0122	0.4109	33	-0.80	0.0166	0.0434	33	-1.60	0.0175	0.3821
34	-1.05	0.0126	0.4235	34	-0.70	0.0235	0.0669	34	-1.40	0.0166	0.3987
35	-0.90	0.0117	0.4352	35	-0.60	0.0340	0.1009	35	-1.20	0.0152	0.4139
36	-0.75	0.0104	0.4455	36	-0.50	0.0453	0.1463	36	-1.00	0.0147	0.4287
37	-0.60	0.0125	0.4580	37	-0.40	0.0593	0.2055	37	-0.80	0.0150	0.4437
38	-0.45	0.0120	0.4700	38	-0.30	0.0743	0.2798	38	-0.60	0.0165	0.4602
39	-0.30	0.0097	0.4797	39	-0.20	0.0833	0.3631	39	-0.40	0.0131	0.4733
40	-0.15	0.0109	0.4906	40	-0.10	0.0934	0.4566	40	-0.20	0.0136	0.4869
41	0.	0.0122	0.5028	41	0.	0.0940	0.5505	41	0.	0.0143	0.5012
42	0.15	0.0110	0.5138	42	0.10	0.0919	0.6424	42	0.20	0.0151	0.5162
43	0.30	0.0108	0.5245	43	0.20	0.0801	0.7225	43	0.40	0.0145	0.5307
44	0.45	0.0123	0.5370	44	0.30	0.0668	0.7893	44	0.60	0.0128	0.5434
45	0.60	0.0106	0.5476	45	0.40	0.0537	0.8430	45	0.80	0.0142	0.5576
46	0.75	0.0116	0.5592	46	0.50	0.0419	0.8848	46	1.00	0.0149	0.5725
47	0.90	0.0099	0.5691	47	0.60	0.0316	0.9165	47	1.20	0.0155	0.5880
48	1.05	0.0126	0.5816	48	0.70	0.0227	0.9392	48	1.40	0.0165	0.6045
49	1.20	0.0122	0.5939	49	0.80	0.0161	0.9553	49	1.60	0.0177	0.6222
50	1.35	0.0115	0.6054	50	0.90	0.0131	0.9684	50	1.80	0.0186	0.6408
51	1.50	0.0134	0.6188	51	1.00	0.0086	0.9770	51	2.00	0.0194	0.6602
52	1.65	0.0145	0.6332	52	1.10	0.0072	0.9842	52	2.20	0.0233	0.6834
53	1.80	0.0157	0.6489	53	1.20	0.0040	0.9881	53	2.40	0.0242	0.7077
54	1.95	0.0139	0.6628	54	1.30	0.0029	0.9911	54	2.60	0.0278	0.7354
55	2.10	0.0161	0.6788	55	1.40	0.0021	0.9932	55	2.80	0.0340	0.7694
56	2.25	0.0182	0.6970	56	1.50	0.0016	0.9948	56	3.00	0.0347	0.8041
57	2.40	0.0208	0.7179	57	1.60	0.0016	0.9964	57	3.20	0.0352	0.8393
58	2.55	0.0228	0.7407	58	1.70	0.0009	0.9973	58	3.40	0.0325	0.8718
59	2.70	0.0227	0.7634	59	1.80	0.0008	0.9982	59	3.60	0.0310	0.9028
60	2.85	0.0248	0.7882	60	1.90	0.0005	0.9986	60	3.80	0.0264	0.9292
61	3.00	0.0280	0.8162	61	2.00	0.0004	0.9990	61	4.00	0.0189	0.9480
62	3.15	0.0261	0.8423	62	2.10	0.0001	0.9992	62	4.20	0.0143	0.9624
63	3.30	0.0257	0.8679	63	2.20	0.0001	0.9993	63	4.40	0.0111	0.9735
64	3.45	0.0237	0.8917	64	2.30	0.0001	0.9994	64	4.60	0.0082	0.9817
65	3.60	0.0201	0.9118	65	2.40	0.0001	0.9995	65	4.80	0.0066	0.9883
66	3.75	0.0171	0.9288	66	2.50	0.0001	0.9996	66	5.00	0.0053	0.9937
67	3.90	0.0173	0.9461	67	2.60	0.0001	0.9997	67	5.20	0.0028	0.9965
68	4.05	0.0138	0.9599	68	2.70	0.0001	0.9997	68	5.40	0.0018	0.9983
69	4.20	0.0094	0.9693	69	2.80	0.	0.9997	69	5.60	0.0008	0.9991
70	4.35	0.0074	0.9767	70	2.90	0.0003	1.0000	70	5.80	0.0004	0.9995
71	4.50	0.0060	0.9827	71	3.00	0.	1.0000	71	6.00	0.0003	0.9998
72	4.65	0.0045	0.9872	72	3.10	0.	1.0000	72	6.20	0.0001	0.9999
73	4.80	0.0033	0.9905	73	3.20	0.	1.0000	73	6.40	0.0001	1.0000
74	4.95	0.0032	0.9937	74	3.30	0.	1.0000	74	6.60	0.	1.0000
75	5.10	0.0026	0.9963	75	3.40	0.	1.0000	75	6.80	0.	1.0000
76	5.25	0.0023	0.9986	76	3.50	0.	1.0000	76	7.00	0.	1.0000
77	5.40	0.0012	0.9998	77	3.60	0.	1.0000	77	7.20	0.	1.0000
78	5.55	0.0002	1.0000	78	3.70	0.	1.0000	78	7.40	0.	1.0000
79	5.70	0.	1.0000	79	3.80	0.	1.0000	79	7.60	0.	1.0000
80	5.85	0.	1.0000	80	3.90	0.	1.0000	80	7.80	0.	1.0000
81	6.00	0.	1.0000	81	4.00	0.	1.0000	81	8.00	0.	1.0000

I - INTERVAL NUMBER X - INTERVAL CENTER VALUE

P(X) - PROBABILITY MASS FUNCTION F(X) - CUMULATIVE DISTRIBUTION FUNCTION

WILLETS PT. N.Y.

STATISTICS FOR JUNE

ASTRONOMICAL TIDE				STORM SURGE				TOTAL WATER LEVEL			
MEAN 0.12		STND DEV 2.74		MEAN 0.03		STND DEV 0.42		MEAN 0.17		STND DEV 2.83	
I	X	P(X)	F(X)	I	X	P(X)	F(X)	I	X	P(X)	F(X)
1	-6.00	0.	0.	1	-4.00	0.	0.	1	-8.00	0.	0.
2	-5.85	0.	0.	2	-3.90	0.	0.	2	-7.80	0.	0.
3	-5.70	0.	0.	3	-3.80	0.	0.	3	-7.60	0.	0.
4	-5.55	0.	0.	4	-3.70	0.	0.	4	-7.40	0.	0.
5	-5.40	0.	0.	5	-3.60	0.	0.	5	-7.20	0.	0.
6	-5.25	0.	0.	6	-3.50	0.	0.	6	-7.00	0.	0.
7	-5.10	0.0003	0.0003	7	-3.40	0.	0.	7	-6.80	0.	0.
8	-4.95	0.0010	0.0013	8	-3.30	0.	0.	8	-6.60	0.	0.
9	-4.80	0.0018	0.0031	9	-3.20	0.	0.	9	-6.40	0.	0.
10	-4.65	0.0034	0.0064	10	-3.10	0.	0.	10	-6.20	0.	0.
11	-4.50	0.0028	0.0092	11	-3.00	0.	0.	11	-6.00	0.	0.
12	-4.35	0.0054	0.0146	12	-2.90	0.	0.	12	-5.80	0.	0.
13	-4.20	0.0064	0.0211	13	-2.80	0.	0.	13	-5.60	0.	0.
14	-4.05	0.0082	0.0292	14	-2.70	0.	0.	14	-5.40	0.0002	0.0002
15	-3.90	0.0123	0.0415	15	-2.60	0.	0.	15	-5.20	0.0007	0.0008
16	-3.75	0.0164	0.0579	16	-2.50	0.	0.	16	-5.00	0.0012	0.0020
17	-3.60	0.0193	0.0772	17	-2.40	0.	0.	17	-4.80	0.0026	0.0046
18	-3.45	0.0233	0.1005	18	-2.30	0.	0.	18	-4.60	0.0037	0.0083
19	-3.30	0.0266	0.1271	19	-2.20	0.	0.	19	-4.40	0.0067	0.0150
20	-3.15	0.0244	0.1515	20	-2.10	0.	0.	20	-4.20	0.0094	0.0244
21	-3.00	0.0281	0.1796	21	-2.00	0.	0.	21	-4.00	0.0151	0.0395
22	-2.85	0.0278	0.2074	22	-1.90	0.	0.	22	-3.80	0.0205	0.0600
23	-2.70	0.0279	0.2352	23	-1.80	0.0003	0.0003	23	-3.60	0.0290	0.0890
24	-2.55	0.0245	0.2597	24	-1.70	0.0001	0.0004	24	-3.40	0.0337	0.1226
25	-2.40	0.0242	0.2839	25	-1.60	0.	0.0004	25	-3.20	0.0366	0.1593
26	-2.25	0.0187	0.3026	26	-1.50	0.0002	0.0006	26	-3.00	0.0406	0.1999
27	-2.10	0.0193	0.3219	27	-1.40	0.0004	0.0010	27	-2.80	0.0363	0.2362
28	-1.95	0.0174	0.3393	28	-1.30	0.0011	0.0021	28	-2.60	0.0329	0.2691
29	-1.80	0.0130	0.3523	29	-1.20	0.0013	0.0035	29	-2.40	0.0299	0.2990
30	-1.65	0.0163	0.3686	30	-1.10	0.0019	0.0053	30	-2.20	0.0215	0.3205
31	-1.50	0.0126	0.3812	31	-1.00	0.0041	0.0094	31	-2.00	0.0222	0.3428
32	-1.35	0.0134	0.3946	32	-0.90	0.0057	0.0151	32	-1.80	0.0193	0.3620
33	-1.20	0.0120	0.4066	33	-0.80	0.0099	0.0250	33	-1.60	0.0174	0.3795
34	-1.05	0.0116	0.4182	34	-0.70	0.0191	0.0440	34	-1.40	0.0149	0.3944
35	-0.90	0.0120	0.4302	35	-0.60	0.0254	0.0694	35	-1.20	0.0142	0.4086
36	-0.75	0.0108	0.4409	36	-0.50	0.0398	0.1092	36	-1.00	0.0151	0.4236
37	-0.60	0.0125	0.4534	37	-0.40	0.0545	0.1637	37	-0.80	0.0149	0.4385
38	-0.45	0.0115	0.4649	38	-0.30	0.0693	0.2330	38	-0.60	0.0139	0.4524
39	-0.30	0.0125	0.4774	39	-0.20	0.0905	0.3234	39	-0.40	0.0136	0.4660
40	-0.15	0.0094	0.4868	40	-0.10	0.0995	0.4229	40	-0.20	0.0150	0.4810
41	0.	0.0110	0.4979	41	0.	0.1039	0.5268	41	0.	0.0154	0.4963
42	0.15	0.0108	0.5087	42	0.10	0.1037	0.6304	42	0.20	0.0138	0.5101
43	0.30	0.0115	0.5202	43	0.20	0.0930	0.7234	43	0.40	0.0151	0.5251
44	0.45	0.0110	0.5311	44	0.30	0.0790	0.8024	44	0.60	0.0130	0.5381
45	0.60	0.0109	0.5420	45	0.40	0.0592	0.8616	45	0.80	0.0142	0.5523
46	0.75	0.0116	0.5536	46	0.50	0.0450	0.9067	46	1.00	0.0131	0.5653
47	0.90	0.0129	0.5665	47	0.60	0.0306	0.9373	47	1.20	0.0125	0.5779
48	1.05	0.0100	0.5765	48	0.70	0.0203	0.9576	48	1.40	0.0162	0.5941
49	1.20	0.0117	0.5882	49	0.80	0.0134	0.9710	49	1.60	0.0172	0.6113
50	1.35	0.0119	0.6001	50	0.90	0.0079	0.9789	50	1.80	0.0182	0.6295
51	1.50	0.0132	0.6132	51	1.00	0.0064	0.9853	51	2.00	0.0186	0.6481
52	1.65	0.0137	0.6269	52	1.10	0.0042	0.9896	52	2.20	0.0189	0.6669
53	1.80	0.0136	0.6405	53	1.20	0.0033	0.9928	53	2.40	0.0241	0.6910
54	1.95	0.0156	0.6561	54	1.30	0.0012	0.9940	54	2.60	0.0244	0.7154
55	2.10	0.0153	0.6714	55	1.40	0.0019	0.9959	55	2.80	0.0307	0.7461
56	2.25	0.0156	0.6870	56	1.50	0.0009	0.9968	56	3.00	0.0335	0.7796
57	2.40	0.0208	0.7078	57	1.60	0.0006	0.9974	57	3.20	0.0383	0.8179
58	2.55	0.0200	0.7278	58	1.70	0.0007	0.9981	58	3.40	0.0358	0.8537
59	2.70	0.0233	0.7511	59	1.80	0.0006	0.9987	59	3.60	0.0328	0.8866
60	2.85	0.0239	0.7750	60	1.90	0.0002	0.9989	60	3.80	0.0326	0.9191
61	3.00	0.0268	0.8018	61	2.00	0.0004	0.9993	61	4.00	0.0259	0.9450
62	3.15	0.0293	0.8311	62	2.10	0.0003	0.9996	62	4.20	0.0174	0.9623
63	3.30	0.0268	0.8579	63	2.20	0.0003	0.9998	63	4.40	0.0124	0.9747
64	3.45	0.0235	0.8814	64	2.30	0.0001	0.9999	64	4.60	0.0084	0.9831
65	3.60	0.0219	0.9033	65	2.40	0.0001	1.0000	65	4.80	0.0068	0.9899
66	3.75	0.0214	0.9246	66	2.50	0.	1.0000	66	5.00	0.0051	0.9950
67	3.90	0.0164	0.9430	67	2.60	0.	1.0000	67	5.20	0.0031	0.9982
68	4.05	0.0160	0.9590	68	2.70	0.	1.0000	68	5.40	0.0010	0.9992
69	4.20	0.0099	0.9689	69	2.80	0.	1.0000	69	5.60	0.0007	0.9999
70	4.35	0.0086	0.9776	70	2.90	0.	1.0000	70	5.80	0.0001	1.0000
71	4.50	0.0053	0.9828	71	3.00	0.	1.0000	71	6.00	0.	1.0000
72	4.65	0.0053	0.9881	72	3.10	0.	1.0000	72	6.20	0.	1.0000
73	4.80	0.0043	0.9924	73	3.20	0.	1.0000	73	6.40	0.	1.0000
74	4.95	0.0029	0.9953	74	3.30	0.	1.0000	74	6.60	0.	1.0000
75	5.10	0.0024	0.9977	75	3.40	0.	1.0000	75	6.80	0.	1.0000
76	5.25	0.0015	0.9992	76	3.50	0.	1.0000	76	7.00	0.	1.0000
77	5.40	0.0008	1.0000	77	3.60	0.	1.0000	77	7.20	0.	1.0000
78	5.55	0.	1.0000	78	3.70	0.	1.0000	78	7.40	0.	1.0000
79	5.70	0.	1.0000	79	3.80	0.	1.0000	79	7.60	0.	1.0000
80	5.85	0.	1.0000	80	3.90	0.	1.0000	80	7.80	0.	1.0000
81	6.00	0.	1.0000	81	4.00	0.	1.0000	81	8.00	0.	1.0000

I - INTERVAL NUMBER X - INTERVAL CENTER VALUE

P(X) - PROBABILITY MASS FUNCTION F(X) - CUMULATIVE DISTRIBUTION FUNCTION

WILLETS PT. N.Y.

STATISTICS FOR JULY

ASTRONOMICAL TIDE				STORM SURGE				TOTAL WATER LEVEL			
MEAN 0.17		STND DEV 2.75		MEAN-0.07		STND DEV 0.39		MEAN 0.11		STND DEV 2.84	
I	X	P(X)	F(X)	I	X	P(X)	F(X)	I	X	P(X)	F(X)
1	-6.00	0.	0.	1	-4.00	0.	0.	1	-8.00	0.	0.
2	-5.85	0.	0.	2	-3.90	0.	0.	2	-7.80	0.	0.
3	-5.70	0.	0.	3	-3.80	0.	0.	3	-7.60	0.	0.
4	-5.55	0.	0.	4	-3.70	0.	0.	4	-7.40	0.	0.
5	-5.40	0.	0.	5	-3.60	0.	0.	5	-7.20	0.	0.
6	-5.25	0.	0.	6	-3.50	0.	0.	6	-7.00	0.	0.
7	-5.10	0.	0.	7	-3.40	0.	0.	7	-6.80	0.	0.
8	-4.95	0.0003	0.0003	8	-3.30	0.	0.	8	-6.60	0.	0.
9	-4.80	0.0011	0.0014	9	-3.20	0.	0.	9	-6.40	0.	0.
10	-4.65	0.0020	0.0034	10	-3.10	0.	0.	10	-6.20	0.	0.
11	-4.50	0.0029	0.0063	11	-3.00	0.	0.	11	-6.00	0.	0.
12	-4.35	0.0051	0.0114	12	-2.90	0.	0.	12	-5.80	0.	0.
13	-4.20	0.0068	0.0182	13	-2.80	0.	0.	13	-5.60	0.	0.
14	-4.05	0.0092	0.0274	14	-2.70	0.	0.	14	-5.40	0.0002	0.0002
15	-3.90	0.0099	0.0373	15	-2.60	0.	0.	15	-5.20	0.0001	0.0003
16	-3.75	0.0158	0.0531	16	-2.50	0.	0.	16	-5.00	0.0009	0.0012
17	-3.60	0.0212	0.0743	17	-2.40	0.	0.	17	-4.80	0.0025	0.0038
18	-3.45	0.0213	0.0956	18	-2.30	0.	0.	18	-4.60	0.0040	0.0078
19	-3.30	0.0231	0.1187	19	-2.20	0.0001	0.0001	19	-4.40	0.0071	0.0149
20	-3.15	0.0275	0.1462	20	-2.10	0.	0.0001	20	-4.20	0.0113	0.0261
21	-3.00	0.0274	0.1735	21	-2.00	0.0001	0.0001	21	-4.00	0.0178	0.0440
22	-2.85	0.0246	0.1982	22	-1.90	0.0001	0.0002	22	-3.80	0.0231	0.0671
23	-2.70	0.0290	0.2272	23	-1.80	0.0002	0.0004	23	-3.60	0.0277	0.0948
24	-2.55	0.0258	0.2530	24	-1.70	0.0001	0.0006	24	-3.40	0.0372	0.1320
25	-2.40	0.0235	0.2765	25	-1.60	0.0006	0.0012	25	-3.20	0.0396	0.1717
26	-2.25	0.0214	0.2979	26	-1.50	0.0007	0.0019	26	-3.00	0.0425	0.2141
27	-2.10	0.0197	0.3176	27	-1.40	0.0010	0.0029	27	-2.80	0.0381	0.2522
28	-1.95	0.0154	0.3329	28	-1.30	0.0012	0.0041	28	-2.60	0.0301	0.2824
29	-1.80	0.0150	0.3479	29	-1.20	0.0022	0.0063	29	-2.40	0.0258	0.3081
30	-1.65	0.0144	0.3623	30	-1.10	0.0031	0.0094	30	-2.20	0.0225	0.3307
31	-1.50	0.0132	0.3755	31	-1.00	0.0046	0.0139	31	-2.00	0.0199	0.3506
32	-1.35	0.0136	0.3891	32	-0.90	0.0082	0.0222	32	-1.80	0.0181	0.3687
33	-1.20	0.0154	0.4045	33	-0.80	0.0126	0.0348	33	-1.60	0.0165	0.3853
34	-1.05	0.0107	0.4152	34	-0.70	0.0223	0.0571	34	-1.40	0.0143	0.3995
35	-0.90	0.0124	0.4276	35	-0.60	0.0352	0.0923	35	-1.20	0.0163	0.4158
36	-0.75	0.0117	0.4392	36	-0.50	0.0506	0.1428	36	-1.00	0.0146	0.4304
37	-0.60	0.0115	0.4508	37	-0.40	0.0726	0.2154	37	-0.80	0.0130	0.4434
38	-0.45	0.0098	0.4606	38	-0.30	0.0911	0.3065	38	-0.60	0.0142	0.4575
39	-0.30	0.0119	0.4725	39	-0.20	0.1057	0.4123	39	-0.40	0.0147	0.4722
40	-0.15	0.0108	0.4832	40	-0.10	0.1100	0.5222	40	-0.20	0.0133	0.4855
41	0.	0.0114	0.4946	41	0.	0.1052	0.6275	41	0.	0.0135	0.4990
42	0.15	0.0105	0.5051	42	0.10	0.1007	0.7282	42	0.20	0.0141	0.5131
43	0.30	0.0109	0.5160	43	0.20	0.0833	0.8115	43	0.40	0.0137	0.5267
44	0.45	0.0120	0.5279	44	0.30	0.0655	0.8770	44	0.60	0.0134	0.5401
45	0.60	0.0104	0.5383	45	0.40	0.0451	0.9222	45	0.80	0.0144	0.5545
46	0.75	0.0113	0.5497	46	0.50	0.0308	0.9530	46	1.00	0.0160	0.5706
47	0.90	0.0122	0.5618	47	0.60	0.0175	0.9705	47	1.20	0.0144	0.5849
48	1.05	0.0116	0.5734	48	0.70	0.0098	0.9803	48	1.40	0.0149	0.5998
49	1.20	0.0118	0.5852	49	0.80	0.0067	0.9870	49	1.60	0.0144	0.6142
50	1.35	0.0127	0.5980	50	0.90	0.0030	0.9900	50	1.80	0.0163	0.6304
51	1.50	0.0115	0.6095	51	1.00	0.0026	0.9926	51	2.00	0.0196	0.6501
52	1.65	0.0134	0.6229	52	1.10	0.0021	0.9947	52	2.20	0.0226	0.6727
53	1.80	0.0132	0.6361	53	1.20	0.0014	0.9961	53	2.40	0.0235	0.6961
54	1.95	0.0159	0.6520	54	1.30	0.0014	0.9975	54	2.60	0.0252	0.7213
55	2.10	0.0143	0.6662	55	1.40	0.0008	0.9983	55	2.80	0.0280	0.7493
56	2.25	0.0175	0.6838	56	1.50	0.0006	0.9989	56	3.00	0.0334	0.7827
57	2.40	0.0197	0.7035	57	1.60	0.0004	0.9994	57	3.20	0.0356	0.8183
58	2.55	0.0209	0.7243	58	1.70	0.0004	0.9997	58	3.40	0.0383	0.8566
59	2.70	0.0209	0.7452	59	1.80	0.0001	0.9998	59	3.60	0.0354	0.8920
60	2.85	0.0217	0.7668	60	1.90	0.0001	0.9999	60	3.80	0.0302	0.9222
61	3.00	0.0240	0.7908	61	2.00	0.0001	1.0000	61	4.00	0.0244	0.9466
62	3.15	0.0263	0.8171	62	2.10	0.	1.0000	62	4.20	0.0201	0.9666
63	3.30	0.0255	0.8425	63	2.20	0.	1.0000	63	4.40	0.0142	0.9809
64	3.45	0.0238	0.8663	64	2.30	0.	1.0000	64	4.60	0.0090	0.9899
65	3.60	0.0233	0.8896	65	2.40	0.	1.0000	65	4.80	0.0061	0.9960
66	3.75	0.0218	0.9114	66	2.50	0.	1.0000	66	5.00	0.0022	0.9981
67	3.90	0.0194	0.9308	67	2.60	0.	1.0000	67	5.20	0.0012	0.9994
68	4.05	0.0188	0.9496	68	2.70	0.	1.0000	68	5.40	0.0005	0.9999
69	4.20	0.0148	0.9644	69	2.80	0.	1.0000	69	5.60	0.	0.9999
70	4.35	0.0117	0.9761	70	2.90	0.	1.0000	70	5.80	0.0001	1.0000
71	4.50	0.0079	0.9839	71	3.00	0.	1.0000	71	6.00	0.	1.0000
72	4.65	0.0061	0.9900	72	3.10	0.	1.0000	72	6.20	0.	1.0000
73	4.80	0.0039	0.9939	73	3.20	0.	1.0000	73	6.40	0.	1.0000
74	4.95	0.0037	0.9976	74	3.30	0.	1.0000	74	6.60	0.	1.0000
75	5.10	0.0017	0.9993	75	3.40	0.	1.0000	75	6.80	0.	1.0000
76	5.25	0.0004	0.9997	76	3.50	0.	1.0000	76	7.00	0.	1.0000
77	5.40	0.0003	1.0000	77	3.60	0.	1.0000	77	7.20	0.	1.0000
78	5.55	0.	1.0000	78	3.70	0.	1.0000	78	7.40	0.	1.0000
79	5.70	0.	1.0000	79	3.80	0.	1.0000	79	7.60	0.	1.0000
80	5.85	0.	1.0000	80	3.90	0.	1.0000	80	7.80	0.	1.0000
81	6.00	0.	1.0000	81	4.00	0.	1.0000	81	8.00	0.	1.0000

I - INTERVAL NUMBER X - INTERVAL CENTER VALUE

P(X) - PROBABILITY MASS FUNCTION F(X) - CUMULATIVE DISTRIBUTION FUNCTION

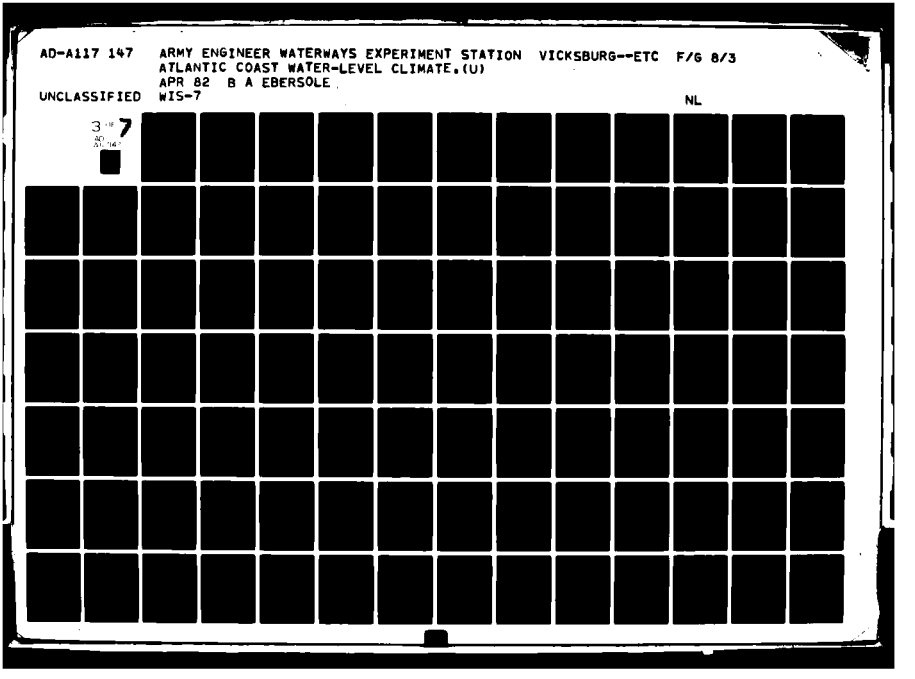
WILLETS PT. N.Y.

STATISTICS FOR AUGUST

ASTRONOMICAL TIDE				STORM SURGE				TOTAL WATER LEVEL			
MEAN 0.21		STND DEV 2.76		MEAN-0.04		STND DEV 0.39		MEAN 0.18		STND DEV 2.83	
I	X	P(X)	F(X)	I	X	P(X)	F(X)	I	X	P(X)	F(X)
1	-6.00	0.	0.	1	-4.00	0.	0.	1	-8.00	0.	0.
2	-5.85	0.	0.	2	-3.90	0.	0.	2	-7.80	0.	0.
3	-5.70	0.	0.	3	-3.80	0.	0.	3	-7.60	0.	0.
4	-5.55	0.	0.	4	-3.70	0.	0.	4	-7.40	0.	0.
5	-5.40	0.	0.	5	-3.60	0.	0.	5	-7.20	0.	0.
6	-5.25	0.	0.	6	-3.50	0.	0.	6	-7.00	0.	0.
7	-5.10	0.	0.	7	-3.40	0.	0.	7	-6.80	0.	0.
8	-4.95	0.0002	0.0002	8	-3.30	0.	0.	8	-6.60	0.	0.
9	-4.80	0.0011	0.0012	9	-3.20	0.	0.	9	-6.40	0.	0.
10	-4.65	0.0024	0.0036	10	-3.10	0.	0.	10	-6.20	0.	0.
11	-4.50	0.0030	0.0066	11	-3.00	0.	0.	11	-6.00	0.	0.
12	-4.35	0.0054	0.0120	12	-2.90	0.	0.	12	-5.80	0.	0.
13	-4.20	0.0064	0.0184	13	-2.80	0.	0.	13	-5.60	0.	0.
14	-4.05	0.0097	0.0281	14	-2.70	0.	0.	14	-5.40	0.	0.
15	-3.90	0.0110	0.0390	15	-2.60	0.	0.	15	-5.20	0.	0.
16	-3.75	0.0137	0.0528	16	-2.50	0.	0.	16	-5.00	0.0002	0.0002
17	-3.60	0.0173	0.0701	17	-2.40	0.	0.	17	-4.80	0.0010	0.0013
18	-3.45	0.0218	0.0919	18	-2.30	0.	0.	18	-4.60	0.0026	0.0039
19	-3.30	0.0235	0.1154	19	-2.20	0.0002	0.0002	19	-4.40	0.0054	0.0093
20	-3.15	0.0273	0.1427	20	-2.10	0.	0.0002	20	-4.20	0.0097	0.0190
21	-3.00	0.0267	0.1694	21	-2.00	0.0003	0.0005	21	-4.00	0.0161	0.0350
22	-2.85	0.0273	0.1968	22	-1.90	0.0001	0.0006	22	-3.80	0.0210	0.0560
23	-2.70	0.0240	0.2207	23	-1.80	0.	0.0006	23	-3.60	0.0297	0.0857
24	-2.55	0.0229	0.2437	24	-1.70	0.0001	0.0006	24	-3.40	0.0360	0.1216
25	-2.40	0.0257	0.2693	25	-1.60	0.	0.0006	25	-3.20	0.0413	0.1629
26	-2.25	0.0226	0.2919	26	-1.50	0.0002	0.0008	26	-3.00	0.0365	0.1994
27	-2.10	0.0183	0.3102	27	-1.40	0.0002	0.0010	27	-2.80	0.0374	0.2368
28	-1.95	0.0180	0.3282	28	-1.30	0.0010	0.0020	28	-2.60	0.0311	0.2679
29	-1.80	0.0162	0.3444	29	-1.20	0.0013	0.0033	29	-2.40	0.0274	0.2954
30	-1.65	0.0154	0.3598	30	-1.10	0.0018	0.0051	30	-2.20	0.0258	0.3211
31	-1.50	0.0149	0.3747	31	-1.00	0.0044	0.0095	31	-2.00	0.0214	0.3425
32	-1.35	0.0135	0.3882	32	-0.90	0.0078	0.0173	32	-1.80	0.0192	0.3617
33	-1.20	0.0122	0.4004	33	-0.80	0.0125	0.0298	33	-1.60	0.0190	0.3807
34	-1.05	0.0120	0.4123	34	-0.70	0.0235	0.0533	34	-1.40	0.0151	0.3958
35	-0.90	0.0123	0.4246	35	-0.60	0.0339	0.0872	35	-1.20	0.0149	0.4107
36	-0.75	0.0095	0.4341	36	-0.50	0.0452	0.1324	36	-1.00	0.0154	0.4260
37	-0.60	0.0115	0.4456	37	-0.40	0.0688	0.2011	37	-0.80	0.0129	0.4389
38	-0.45	0.0124	0.4580	38	-0.30	0.0853	0.2865	38	-0.60	0.0140	0.4529
39	-0.30	0.0106	0.4686	39	-0.20	0.1000	0.3865	39	-0.40	0.0138	0.4667
40	-0.15	0.0128	0.4813	40	-0.10	0.1118	0.4983	40	-0.20	0.0140	0.4807
41	0.	0.0128	0.4942	41	0.	0.1062	0.6045	41	0.	0.0130	0.4938
42	0.15	0.0095	0.5037	42	0.10	0.0964	0.7009	42	0.20	0.0146	0.5084
43	0.30	0.0109	0.5146	43	0.20	0.0852	0.7862	43	0.40	0.0145	0.5229
44	0.45	0.0114	0.5260	44	0.30	0.0696	0.8557	44	0.60	0.0138	0.5366
45	0.60	0.0104	0.5364	45	0.40	0.0525	0.9083	45	0.80	0.0122	0.5488
46	0.75	0.0111	0.5474	46	0.50	0.0319	0.9402	46	1.00	0.0161	0.5649
47	0.90	0.0102	0.5577	47	0.60	0.0216	0.9618	47	1.20	0.0136	0.5785
48	1.05	0.0115	0.5692	48	0.70	0.0130	0.9747	48	1.40	0.0161	0.5945
49	1.20	0.0105	0.5797	49	0.80	0.0088	0.9835	49	1.60	0.0145	0.6090
50	1.35	0.0131	0.5928	50	0.90	0.0050	0.9885	50	1.80	0.0166	0.6256
51	1.50	0.0143	0.6072	51	1.00	0.0038	0.9923	51	2.00	0.0198	0.6454
52	1.65	0.0138	0.6210	52	1.10	0.0023	0.9946	52	2.20	0.0209	0.6663
53	1.80	0.0134	0.6344	53	1.20	0.0012	0.9958	53	2.40	0.0242	0.6905
54	1.95	0.0133	0.6477	54	1.30	0.0017	0.9975	54	2.60	0.0252	0.7157
55	2.10	0.0160	0.6637	55	1.40	0.0008	0.9983	55	2.80	0.0288	0.7445
56	2.25	0.0175	0.6812	56	1.50	0.0006	0.9990	56	3.00	0.0333	0.7778
57	2.40	0.0186	0.6998	57	1.60	0.0002	0.9992	57	3.20	0.0334	0.8112
58	2.55	0.0184	0.7182	58	1.70	0.0004	0.9996	58	3.40	0.0330	0.8441
59	2.70	0.0216	0.7398	59	1.80	0.0001	0.9997	59	3.60	0.0337	0.8778
60	2.85	0.0213	0.7611	60	1.90	0.0002	0.9999	60	3.80	0.0346	0.9124
61	3.00	0.0226	0.7837	61	2.00	0.	0.9999	61	4.00	0.0310	0.9435
62	3.15	0.0243	0.8080	62	2.10	0.0001	1.0000	62	4.20	0.0194	0.9628
63	3.30	0.0252	0.8333	63	2.20	0.	1.0000	63	4.40	0.0156	0.9784
64	3.45	0.0231	0.8563	64	2.30	0.	1.0000	64	4.60	0.0092	0.9876
65	3.60	0.0246	0.8810	65	2.40	0.	1.0000	65	4.80	0.0056	0.9932
66	3.75	0.0233	0.9043	66	2.50	0.	1.0000	66	5.00	0.0033	0.9965
67	3.90	0.0217	0.9260	67	2.60	0.	1.0000	67	5.20	0.0024	0.9989
68	4.05	0.0173	0.9433	68	2.70	0.	1.0000	68	5.40	0.0010	0.9998
69	4.20	0.0155	0.9589	69	2.80	0.	1.0000	69	5.60	0.0002	1.0000
70	4.35	0.0122	0.9710	70	2.90	0.	1.0000	70	5.80	0.	1.0000
71	4.50	0.0089	0.9799	71	3.00	0.	1.0000	71	6.00	0.	1.0000
72	4.65	0.0074	0.9873	72	3.10	0.	1.0000	72	6.20	0.	1.0000
73	4.80	0.0057	0.9930	73	3.20	0.	1.0000	73	6.40	0.	1.0000
74	4.95	0.0046	0.9975	74	3.30	0.	1.0000	74	6.60	0.	1.0000
75	5.10	0.0013	0.9988	75	3.40	0.	1.0000	75	6.80	0.	1.0000
76	5.25	0.0010	0.9998	76	3.50	0.	1.0000	76	7.00	0.	1.0000
77	5.40	0.0002	1.0000	77	3.60	0.	1.0000	77	7.20	0.	1.0000
78	5.55	0.	1.0000	78	3.70	0.	1.0000	78	7.40	0.	1.0000
79	5.70	0.	1.0000	79	3.80	0.	1.0000	79	7.60	0.	1.0000
80	5.85	0.	1.0000	80	3.90	0.	1.0000	80	7.80	0.	1.0000
81	6.00	0.	1.0000	81	4.00	0.	1.0000	81	8.00	0.	1.0000

I - INTERVAL NUMBER X - INTERVAL CENTER VALUE

P(X) - PROBABILITY MASS FUNCTION F(X) - CUMULATIVE DISTRIBUTION FUNCTION


AD-A117 147
ARMY ENGINEER WATERWAYS EXPERIMENT STATION VICKSBURG--ETC F/G 8/3
ATLANTIC COAST WATER-LEVEL CLIMATE,(U)
APR 82 B A EBERSOLE
UNCLASSIFIED WIS-7
NL
3 OF 7

WILLETS PT. N.Y.

STATISTICS FOR SEPTEMBER

ASTRONOMICAL TIDE				STOPM SUPGE				TOTAL WATER LEVEL			
MEAN 0.20		STND DEV 2.76		MEAN-0.05		STND DEV 0.42		MEAN 0.16		STND DEV 2.80	
I	X	P(X)	F(X)	I	X	P(X)	F(X)	I	X	P(X)	F(X)
1	-6.00	0.	0.	1	-4.00	0.	0.	1	-8.00	0.	0.
2	-5.85	0.	0.	2	-3.90	0.	0.	2	-7.80	0.	0.
3	-5.70	0.	0.	3	-3.80	0.	0.	3	-7.60	0.	0.
4	-5.55	0.	0.	4	-3.70	0.	0.	4	-7.40	0.	0.
5	-5.40	0.	0.	5	-3.60	0.	0.	5	-7.20	0.	0.
6	-5.25	0.	0.	6	-3.50	0.	0.	6	-7.00	0.	0.
7	-5.10	0.0001	0.0001	7	-3.40	0.	0.	7	-6.80	0.	0.
8	-4.95	0.0004	0.0005	8	-3.30	0.	0.	8	-6.60	0.	0.
9	-4.80	0.0018	0.0023	9	-3.20	0.	0.	9	-6.40	0.	0.
10	-4.65	0.0034	0.0057	10	-3.10	0.	0.	10	-6.20	0.	0.
11	-4.50	0.0047	0.0104	11	-3.00	0.	0.	11	-6.00	0.	0.
12	-4.35	0.0061	0.0164	12	-2.90	0.	0.	12	-5.80	0.	0.
13	-4.20	0.0074	0.0238	13	-2.80	0.	0.	13	-5.60	0.0001	0.0001
14	-4.05	0.0100	0.0337	14	-2.70	0.	0.	14	-5.40	0.0002	0.0003
15	-3.90	0.0109	0.0446	15	-2.60	0.	0.	15	-5.20	0.0002	0.0005
16	-3.75	0.0137	0.0583	16	-2.50	0.	0.	16	-5.00	0.0007	0.0011
17	-3.60	0.0181	0.0764	17	-2.40	0.	0.	17	-4.80	0.0020	0.0031
18	-3.45	0.0214	0.0978	18	-2.30	0.	0.	18	-4.60	0.0039	0.0070
19	-3.30	0.0221	0.1199	19	-2.20	0.	0.	19	-4.40	0.0064	0.0134
20	-3.15	0.0252	0.1450	20	-2.10	0.	0.	20	-4.20	0.0092	0.0225
21	-3.00	0.0227	0.1677	21	-2.00	0.0001	0.0001	21	-4.00	0.0136	0.0361
22	-2.85	0.0248	0.1926	22	-1.90	0.	0.0001	22	-3.80	0.0213	0.0575
23	-2.70	0.0238	0.2163	23	-1.80	0.0001	0.0002	23	-3.60	0.0301	0.0876
24	-2.55	0.0235	0.2399	24	-1.70	0.0001	0.0003	24	-3.40	0.0297	0.1172
25	-2.40	0.0234	0.2632	25	-1.60	0.0003	0.0006	25	-3.20	0.0354	0.1526
26	-2.25	0.0235	0.2867	26	-1.50	0.0009	0.0015	26	-3.00	0.0421	0.1948
27	-2.10	0.0191	0.3058	27	-1.40	0.0012	0.0027	27	-2.80	0.0327	0.2275
28	-1.95	0.0208	0.3266	28	-1.30	0.0013	0.0040	28	-2.60	0.0313	0.2588
29	-1.80	0.0163	0.3429	29	-1.20	0.0029	0.0068	29	-2.40	0.0321	0.2908
30	-1.65	0.0136	0.3565	30	-1.10	0.0052	0.0120	30	-2.20	0.0255	0.3163
31	-1.50	0.0145	0.3710	31	-1.00	0.0067	0.0188	31	-2.00	0.0240	0.3403
32	-1.35	0.0139	0.3849	32	-0.90	0.0120	0.0308	32	-1.80	0.0204	0.3608
33	-1.20	0.0132	0.3980	33	-0.80	0.0141	0.0449	33	-1.60	0.0153	0.3761
34	-1.05	0.0126	0.4106	34	-0.70	0.0249	0.0698	34	-1.40	0.0152	0.3914
35	-0.90	0.0123	0.4230	35	-0.60	0.0370	0.1067	35	-1.20	0.0160	0.4073
36	-0.75	0.0123	0.4353	36	-0.50	0.0489	0.1556	36	-1.00	0.0164	0.4238
37	-0.60	0.0145	0.4498	37	-0.40	0.0696	0.2252	37	-0.80	0.0148	0.4386
38	-0.45	0.0093	0.4591	38	-0.30	0.0875	0.3126	38	-0.60	0.0138	0.4523
39	-0.30	0.0105	0.4696	39	-0.20	0.0949	0.4075	39	-0.40	0.0155	0.4679
40	-0.15	0.0103	0.4799	40	-0.10	0.1000	0.5075	40	-0.20	0.0129	0.4808
41	0.	0.0118	0.4917	41	0.	0.1014	0.6088	41	0.	0.0137	0.4945
42	0.15	0.0109	0.5025	42	0.10	0.0930	0.7019	42	0.20	0.0143	0.5088
43	0.30	0.0123	0.5148	43	0.20	0.0784	0.7803	43	0.40	0.0149	0.5237
44	0.45	0.0111	0.5259	44	0.30	0.0687	0.8490	44	0.60	0.0140	0.5376
45	0.60	0.0104	0.5363	45	0.40	0.0452	0.8942	45	0.80	0.0144	0.5520
46	0.75	0.0123	0.5485	46	0.50	0.0355	0.9297	46	1.00	0.0169	0.5689
47	0.90	0.0107	0.5592	47	0.60	0.0238	0.9535	47	1.20	0.0139	0.5828
48	1.05	0.0127	0.5719	48	0.70	0.0178	0.9714	48	1.40	0.0164	0.5991
49	1.20	0.0116	0.5835	49	0.80	0.0104	0.9818	49	1.60	0.0161	0.6152
50	1.35	0.0125	0.5960	50	0.90	0.0067	0.9885	50	1.80	0.0159	0.6311
51	1.50	0.0114	0.6074	51	1.00	0.0037	0.9922	51	2.00	0.0186	0.6497
52	1.65	0.0125	0.6199	52	1.10	0.0026	0.9948	52	2.20	0.0213	0.6709
53	1.80	0.0147	0.6346	53	1.20	0.0011	0.9959	53	2.40	0.0254	0.6963
54	1.95	0.0152	0.6498	54	1.30	0.0014	0.9973	54	2.60	0.0275	0.7239
55	2.10	0.0160	0.6659	55	1.40	0.0009	0.9982	55	2.80	0.0323	0.7562
56	2.25	0.0185	0.6843	56	1.50	0.0007	0.9989	56	3.00	0.0347	0.7909
57	2.40	0.0197	0.7040	57	1.60	0.0004	0.9993	57	3.20	0.0355	0.8264
58	2.55	0.0193	0.7233	58	1.70	0.0003	0.9995	58	3.40	0.0332	0.8596
59	2.70	0.0215	0.7448	59	1.80	0.0002	0.9997	59	3.60	0.0301	0.8897
60	2.85	0.0226	0.7674	60	1.90	0.	0.9997	60	3.80	0.0282	0.9179
61	3.00	0.0227	0.7901	61	2.00	0.	0.9997	61	4.00	0.0264	0.9443
62	3.15	0.0227	0.8128	62	2.10	0.0001	0.9998	62	4.20	0.0193	0.9636
63	3.30	0.0236	0.8364	63	2.20	0.	0.9998	63	4.40	0.0155	0.9791
64	3.45	0.0234	0.8598	64	2.30	0.	0.9998	64	4.60	0.0103	0.9894
65	3.60	0.0231	0.8829	65	2.40	0.	0.9998	65	4.80	0.0063	0.9957
66	3.75	0.0224	0.9053	66	2.50	0.	0.9998	66	5.00	0.0025	0.9982
67	3.90	0.0204	0.9257	67	2.60	0.	0.9998	67	5.20	0.0012	0.9994
68	4.05	0.0179	0.9436	68	2.70	0.0001	0.9999	68	5.40	0.0001	0.9994
69	4.20	0.0134	0.9570	69	2.80	0.0001	1.0000	69	5.60	0.0004	0.9998
70	4.35	0.0107	0.9677	70	2.90	0.	1.0000	70	5.80	0.0002	1.0000
71	4.50	0.0085	0.9762	71	3.00	0.	1.0000	71	6.00	0.	1.0000
72	4.65	0.0072	0.9834	72	3.10	0.	1.0000	72	6.20	0.	1.0000
73	4.80	0.0057	0.9891	73	3.20	0.	1.0000	73	6.40	0.	1.0000
74	4.95	0.0048	0.9940	74	3.30	0.	1.0000	74	6.60	0.	1.0000
75	5.10	0.0029	0.9969	75	3.40	0.	1.0000	75	6.80	0.	1.0000
76	5.25	0.0015	0.9984	76	3.50	0.	1.0000	76	7.00	0.	1.0000
77	5.40	0.0013	0.9997	77	3.60	0.	1.0000	77	7.20	0.	1.0000
78	5.55	0.0003	1.0000	78	3.70	0.	1.0000	78	7.40	0.	1.0000
79	5.70	0.	1.0000	79	3.80	0.	1.0000	79	7.60	0.	1.0000
80	5.85	0.	1.0000	80	3.90	0.	1.0000	80	7.80	0.	1.0000
81	6.00	0.	1.0000	81	4.00	0.	1.0000	81	8.00	0.	1.0000

I - INTERVAL NUMBER X - INTERVAL CENTER VALUE

P(X) - PROBABILITY MASS FUNCTION F(X) - CUMULATIVE DISTRIBUTION FUNCTION

WILLETS PT. N.Y.

STATISTICS FOR OCTOBER

ASTRONOMICAL TIDE				STORM SURGE				TOTAL WATER LEVEL			
MEAN 0.12		STND DEV 2.77		MEAN 0.06		STND DEV 0.63		MEAN 0.20		STND DEV 2.82	
I	X	P(X)	F(X)	I	X	P(X)	F(X)	I	X	P(X)	F(X)
1	-6.00	0.	0.	1	-4.00	0.	0.	1	-8.00	0.	0.
2	-5.85	0.	0.	2	-3.90	0.	0.	2	-7.80	0.	0.
3	-5.70	0.	0.	3	-3.80	0.	0.	3	-7.60	0.	0.
4	-5.55	0.	0.	4	-3.70	0.	0.	4	-7.40	0.	0.
5	-5.40	0.0001	0.0001	5	-3.60	0.	0.	5	-7.20	0.	0.
6	-5.25	0.0001	0.0002	6	-3.50	0.	0.	6	-7.00	0.	0.
7	-5.10	0.0012	0.0013	7	-3.40	0.	0.	7	-6.80	0.	0.
8	-4.95	0.0019	0.0032	8	-3.30	0.	0.	8	-6.60	0.	0.
9	-4.80	0.0023	0.0055	9	-3.20	0.	0.	9	-6.40	0.	0.
10	-4.65	0.0040	0.0096	10	-3.10	0.	0.	10	-6.20	0.	0.
11	-4.50	0.0061	0.0157	11	-3.00	0.0001	0.0001	11	-6.00	0.	0.
12	-4.35	0.0074	0.0231	12	-2.90	0.	0.0001	12	-5.80	0.0001	0.0001
13	-4.20	0.0090	0.0321	13	-2.80	0.	0.0001	13	-5.60	0.0001	0.0002
14	-4.05	0.0111	0.0432	14	-2.70	0.0001	0.0002	14	-5.40	0.0006	0.0008
15	-3.90	0.0131	0.0563	15	-2.60	0.	0.0002	15	-5.20	0.0009	0.0016
16	-3.75	0.0152	0.0715	16	-2.50	0.0002	0.0003	16	-5.00	0.0021	0.0037
17	-3.60	0.0187	0.0902	17	-2.40	0.	0.0003	17	-4.80	0.0022	0.0059
18	-3.45	0.0204	0.1106	18	-2.30	0.0002	0.0005	18	-4.60	0.0044	0.0103
19	-3.30	0.0215	0.1321	19	-2.20	0.0002	0.0007	19	-4.40	0.0068	0.0172
20	-3.15	0.0252	0.1573	20	-2.10	0.0002	0.0009	20	-4.20	0.0118	0.0289
21	-3.00	0.0229	0.1801	21	-2.00	0.0009	0.0019	21	-4.00	0.0147	0.0437
22	-2.85	0.0235	0.2036	22	-1.90	0.0010	0.0029	22	-3.80	0.0194	0.0631
23	-2.70	0.0243	0.2280	23	-1.80	0.0012	0.0041	23	-3.60	0.0240	0.0871
24	-2.55	0.0224	0.2504	24	-1.70	0.0011	0.0052	24	-3.40	0.0307	0.1179
25	-2.40	0.0232	0.2735	25	-1.60	0.0012	0.0064	25	-3.20	0.0327	0.1505
26	-2.25	0.0203	0.2938	26	-1.50	0.0019	0.0083	26	-3.00	0.0336	0.1841
27	-2.10	0.0207	0.3145	27	-1.40	0.0029	0.0112	27	-2.80	0.0296	0.2138
28	-1.95	0.0176	0.3321	28	-1.30	0.0036	0.0147	28	-2.60	0.0348	0.2486
29	-1.80	0.0165	0.3486	29	-1.20	0.0055	0.0203	29	-2.40	0.0305	0.2791
30	-1.65	0.0158	0.3644	30	-1.10	0.0079	0.0282	30	-2.20	0.0249	0.3040
31	-1.50	0.0155	0.3799	31	-1.00	0.0095	0.0377	31	-2.00	0.0259	0.3299
32	-1.35	0.0123	0.3921	32	-0.90	0.0129	0.0506	32	-1.80	0.0204	0.3503
33	-1.20	0.0133	0.4054	33	-0.80	0.0180	0.0686	33	-1.60	0.0203	0.3706
34	-1.05	0.0120	0.4173	34	-0.70	0.0240	0.0926	34	-1.40	0.0167	0.3873
35	-0.90	0.0125	0.4299	35	-0.60	0.0335	0.1261	35	-1.20	0.0171	0.4043
36	-0.75	0.0107	0.4406	36	-0.50	0.0465	0.1726	36	-1.00	0.0154	0.4198
37	-0.60	0.0104	0.4510	37	-0.40	0.0526	0.2252	37	-0.80	0.0144	0.4342
38	-0.45	0.0125	0.4636	38	-0.30	0.0644	0.2896	38	-0.60	0.0154	0.4496
39	-0.30	0.0120	0.4756	39	-0.20	0.0726	0.3622	39	-0.40	0.0145	0.4642
40	-0.15	0.0104	0.4860	40	-0.10	0.0768	0.4390	40	-0.20	0.0130	0.4771
41	0.	0.0123	0.4982	41	0.	0.0811	0.5201	41	0.	0.0141	0.4912
42	0.15	0.0103	0.5085	42	0.10	0.0726	0.5926	42	0.20	0.0153	0.5065
43	0.30	0.0109	0.5194	43	0.20	0.0702	0.6629	43	0.40	0.0140	0.5206
44	0.45	0.0117	0.5311	44	0.30	0.0647	0.7276	44	0.60	0.0145	0.5351
45	0.60	0.0108	0.5419	45	0.40	0.0548	0.7824	45	0.80	0.0140	0.5491
46	0.75	0.0119	0.5538	46	0.50	0.0415	0.8239	46	1.00	0.0156	0.5647
47	0.90	0.0115	0.5653	47	0.60	0.0345	0.8584	47	1.20	0.0173	0.5820
48	1.05	0.0131	0.5784	48	0.70	0.0316	0.8900	48	1.40	0.0157	0.5977
49	1.20	0.0111	0.5895	49	0.80	0.0230	0.9130	49	1.60	0.0154	0.6131
50	1.35	0.0133	0.6028	50	0.90	0.0178	0.9308	50	1.80	0.0190	0.6321
51	1.50	0.0124	0.6151	51	1.00	0.0138	0.9446	51	2.00	0.0211	0.6532
52	1.65	0.0132	0.6284	52	1.10	0.0127	0.9573	52	2.20	0.0229	0.6761
53	1.80	0.0135	0.6419	53	1.20	0.0082	0.9655	53	2.40	0.0284	0.7045
54	1.95	0.0142	0.6561	54	1.30	0.0050	0.9704	54	2.60	0.0285	0.7330
55	2.10	0.0185	0.6746	55	1.40	0.0046	0.9750	55	2.80	0.0303	0.7633
56	2.25	0.0184	0.6930	56	1.50	0.0039	0.9789	56	3.00	0.0313	0.7945
57	2.40	0.0205	0.7134	57	1.60	0.0043	0.9832	57	3.20	0.0316	0.8261
58	2.55	0.0205	0.7339	58	1.70	0.0028	0.9860	58	3.40	0.0307	0.8568
59	2.70	0.0235	0.7573	59	1.80	0.0013	0.9873	59	3.60	0.0287	0.8855
60	2.85	0.0235	0.7808	60	1.90	0.0026	0.9899	60	3.80	0.0234	0.9088
61	3.00	0.0254	0.8062	61	2.00	0.0019	0.9919	61	4.00	0.0230	0.9319
62	3.15	0.0235	0.8297	62	2.10	0.0012	0.9930	62	4.20	0.0201	0.9520
63	3.30	0.0234	0.8531	63	2.20	0.0014	0.9944	63	4.40	0.0131	0.9651
64	3.45	0.0232	0.8763	64	2.30	0.0005	0.9949	64	4.60	0.0101	0.9752
65	3.60	0.0207	0.8970	65	2.40	0.0009	0.9958	65	4.80	0.0092	0.9843
66	3.75	0.0178	0.9147	66	2.50	0.0007	0.9965	66	5.00	0.0054	0.9897
67	3.90	0.0164	0.9312	67	2.60	0.0004	0.9969	67	5.20	0.0039	0.9936
68	4.05	0.0161	0.9472	68	2.70	0.0005	0.9974	68	5.40	0.0027	0.9963
69	4.20	0.0112	0.9584	69	2.80	0.0001	0.9975	69	5.60	0.0011	0.9974
70	4.35	0.0104	0.9689	70	2.90	0.0002	0.9978	70	5.80	0.0008	0.9981
71	4.50	0.0078	0.9767	71	3.00	0.0004	0.9981	71	6.00	0.0007	0.9988
72	4.65	0.0075	0.9842	72	3.10	0.0001	0.9982	72	6.20	0.0003	0.9992
73	4.80	0.0046	0.9889	73	3.20	0.0002	0.9984	73	6.40	0.0003	0.9995
74	4.95	0.0037	0.9925	74	3.30	0.0001	0.9985	74	6.60	0.	0.9995
75	5.10	0.0024	0.9949	75	3.40	0.0002	0.9987	75	6.80	0.	0.9995
76	5.25	0.0023	0.9972	76	3.50	0.0002	0.9989	76	7.00	0.0001	0.9995
77	5.40	0.0017	0.9990	77	3.90	0.0002	0.9991	77	7.20	0.0001	0.9996
78	5.55	0.0009	0.9998	78	3.70	0.0002	0.9992	78	7.40	0.0003	0.9999
79	5.70	0.0002	1.0000	79	3.80	0.0002	0.9994	79	7.60	0.	0.9999
80	5.85	0.	1.0000	80	3.90	0.0002	0.9996	80	7.80	0.0001	1.0000
81	6.00	0.	1.0000	81	4.00	0.0001	0.9997	81	8.00	0.	1.0000

I - INTERVAL NUMBER X - INTERVAL CENTER VALUE

P(X) - PROBABILITY MASS FUNCTION F(X) - CUMULATIVE DISTRIBUTION FUNCTION

WILLETS PT. N.Y.

STATISTICS FOR NOVEMBER

ASTRONOMICAL TIDE				STORM SURGE				TOTAL WATER LEVEL			
MEAN -0.02		STND DEV 2.76		MEAN 0.06		STND DEV 0.81		MEAN 0.06		STND DEV 2.86	
I	X	P(X)	F(X)	I	X	P(X)	F(X)	I	X	P(X)	F(X)
1	-6.00	0.	0.	1	-4.00	0.	0.	1	-8.00	0.	0.
2	-5.85	0.	0.	2	-3.90	0.	0.	2	-7.80	0.	0.
3	-5.70	0.	0.	3	-3.80	0.0001	0.0001	3	-7.60	0.	0.
4	-5.55	0.	0.	4	-3.70	0.0001	0.0002	4	-7.40	0.	0.
5	-5.40	0.0002	0.0002	5	-3.60	0.0003	0.0006	5	-7.20	0.	0.
6	-5.25	0.0010	0.0013	6	-3.50	0.0003	0.0008	6	-7.00	0.	0.
7	-5.10	0.0018	0.0031	7	-3.40	0.0002	0.0011	7	-6.80	0.0001	0.0001
8	-4.95	0.0027	0.0058	8	-3.30	0.0003	0.0014	8	-6.60	0.0004	0.0005
9	-4.80	0.0030	0.0088	9	-3.20	0.0003	0.0017	9	-6.40	0.0003	0.0008
10	-4.65	0.0057	0.0144	10	-3.10	0.0003	0.0020	10	-6.20	0.0004	0.0013
11	-4.50	0.0054	0.0198	11	-3.00	0.0005	0.0024	11	-6.00	0.0002	0.0015
12	-4.35	0.0083	0.0281	12	-2.90	0.0006	0.0030	12	-5.80	0.0003	0.0018
13	-4.20	0.0105	0.0385	13	-2.80	0.0008	0.0038	13	-5.60	0.0013	0.0031
14	-4.05	0.0111	0.0497	14	-2.70	0.0007	0.0045	14	-5.40	0.0015	0.0045
15	-3.90	0.0174	0.0670	15	-2.60	0.0006	0.0050	15	-5.20	0.0026	0.0071
16	-3.75	0.0169	0.0840	16	-2.50	0.0008	0.0058	16	-5.00	0.0029	0.0101
17	-3.60	0.0207	0.1047	17	-2.40	0.0008	0.0066	17	-4.80	0.0038	0.0139
18	-3.45	0.0240	0.1287	18	-2.30	0.0010	0.0075	18	-4.60	0.0070	0.0209
19	-3.30	0.0246	0.1533	19	-2.20	0.0014	0.0089	19	-4.40	0.0111	0.0320
20	-3.15	0.0246	0.1779	20	-2.10	0.0015	0.0105	20	-4.20	0.0130	0.0450
21	-3.00	0.0249	0.2027	21	-2.00	0.0016	0.0123	21	-4.00	0.0179	0.0629
22	-2.85	0.0255	0.2282	22	-1.90	0.0020	0.0142	22	-3.80	0.0235	0.0863
23	-2.70	0.0248	0.2530	23	-1.80	0.0020	0.0162	23	-3.60	0.0267	0.1131
24	-2.55	0.0244	0.2774	24	-1.70	0.0034	0.0195	24	-3.40	0.0279	0.1409
25	-2.40	0.0188	0.2962	25	-1.60	0.0028	0.0223	25	-3.20	0.0334	0.1743
26	-2.25	0.0199	0.3160	26	-1.50	0.0038	0.0261	26	-3.00	0.0334	0.2077
27	-2.10	0.0178	0.3338	27	-1.40	0.0052	0.0313	27	-2.80	0.0290	0.2367
28	-1.95	0.0158	0.3497	28	-1.30	0.0073	0.0385	28	-2.60	0.0304	0.2671
29	-1.80	0.0144	0.3641	29	-1.20	0.0087	0.0473	29	-2.40	0.0269	0.2940
30	-1.65	0.0138	0.3779	30	-1.10	0.0119	0.0591	30	-2.20	0.0251	0.3192
31	-1.50	0.0140	0.3919	31	-1.00	0.0156	0.0747	31	-2.00	0.0222	0.3414
32	-1.35	0.0135	0.4054	32	-0.90	0.0168	0.0915	32	-1.80	0.0196	0.3610
33	-1.20	0.0123	0.4177	33	-0.80	0.0226	0.1141	33	-1.60	0.0187	0.3797
34	-1.05	0.0116	0.4293	34	-0.70	0.0275	0.1416	34	-1.40	0.0176	0.3973
35	-0.90	0.0113	0.4406	35	-0.60	0.0322	0.1738	35	-1.20	0.0154	0.4126
36	-0.75	0.0119	0.4525	36	-0.50	0.0385	0.2122	36	-1.00	0.0161	0.4287
37	-0.60	0.0110	0.4635	37	-0.40	0.0462	0.2585	37	-0.80	0.0159	0.4446
38	-0.45	0.0124	0.4760	38	-0.30	0.0538	0.3123	38	-0.60	0.0132	0.4578
39	-0.30	0.0112	0.4872	39	-0.20	0.0598	0.3721	39	-0.40	0.0145	0.4723
40	-0.15	0.0099	0.4971	40	-0.10	0.0634	0.4354	40	-0.20	0.0147	0.4870
41	0.	0.0108	0.5079	41	0.	0.0635	0.4990	41	0.	0.0158	0.5027
42	0.15	0.0112	0.5190	42	0.10	0.0667	0.5657	42	0.20	0.0145	0.5172
43	0.30	0.0104	0.5294	43	0.20	0.0646	0.6302	43	0.40	0.0141	0.5313
44	0.45	0.0115	0.5408	44	0.30	0.0580	0.6882	44	0.60	0.0147	0.5459
45	0.60	0.0113	0.5522	45	0.40	0.0530	0.7412	45	0.80	0.0165	0.5624
46	0.75	0.0129	0.5650	46	0.50	0.0452	0.7864	46	1.00	0.0158	0.5782
47	0.90	0.0103	0.5753	47	0.60	0.0393	0.8257	47	1.20	0.0160	0.5942
48	1.05	0.0142	0.5895	48	0.70	0.0325	0.8582	48	1.40	0.0172	0.6115
49	1.20	0.0114	0.6009	49	0.80	0.0247	0.8829	49	1.60	0.0200	0.6314
50	1.35	0.0129	0.6138	50	0.90	0.0234	0.9063	50	1.80	0.0190	0.6504
51	1.50	0.0140	0.6278	51	1.00	0.0143	0.9206	51	2.00	0.0234	0.6738
52	1.65	0.0136	0.6414	52	1.10	0.0132	0.9338	52	2.20	0.0251	0.6988
53	1.80	0.0129	0.6543	53	1.20	0.0108	0.9446	53	2.40	0.0259	0.7247
54	1.95	0.0165	0.6708	54	1.30	0.0083	0.9529	54	2.60	0.0275	0.7522
55	2.10	0.0199	0.6907	55	1.40	0.0080	0.9609	55	2.80	0.0299	0.7821
56	2.25	0.0169	0.7076	56	1.50	0.0066	0.9674	56	3.00	0.0309	0.8130
57	2.40	0.0224	0.7299	57	1.60	0.0041	0.9715	57	3.20	0.0307	0.8437
58	2.55	0.0228	0.7527	58	1.70	0.0036	0.9751	58	3.40	0.0332	0.8768
59	2.70	0.0249	0.7776	59	1.80	0.0031	0.9782	59	3.60	0.0257	0.9025
60	2.85	0.0259	0.8035	60	1.90	0.0031	0.9814	60	3.80	0.0196	0.9221
61	3.00	0.0265	0.8300	61	2.00	0.0019	0.9832	61	4.00	0.0179	0.9400
62	3.15	0.0264	0.8564	62	2.10	0.0018	0.9851	62	4.20	0.0147	0.9546
63	3.30	0.0233	0.8797	63	2.20	0.0017	0.9867	63	4.40	0.0104	0.9650
64	3.45	0.0212	0.9009	64	2.30	0.0013	0.9880	64	4.60	0.0095	0.9745
65	3.60	0.0192	0.9201	65	2.40	0.0015	0.9895	65	4.80	0.0064	0.9809
66	3.75	0.0171	0.9372	66	2.50	0.0008	0.9904	66	5.00	0.0058	0.9867
67	3.90	0.0124	0.9496	67	2.60	0.0008	0.9911	67	5.20	0.0037	0.9904
68	4.05	0.0128	0.9624	68	2.70	0.0007	0.9918	68	5.40	0.0027	0.9931
69	4.20	0.0081	0.9705	69	2.80	0.0011	0.9930	69	5.60	0.0023	0.9954
70	4.35	0.0065	0.9769	70	2.90	0.0008	0.9937	70	5.80	0.0010	0.9964
71	4.50	0.0061	0.9831	71	3.00	0.0006	0.9943	71	6.00	0.0008	0.9972
72	4.65	0.0042	0.9872	72	3.10	0.0005	0.9948	72	6.20	0.0004	0.9976
73	4.80	0.0037	0.9909	73	3.20	0.0002	0.9950	73	6.40	0.0006	0.9983
74	4.95	0.0032	0.9941	74	3.30	0.0003	0.9953	74	6.60	0.0001	0.9984
75	5.10	0.0026	0.9967	75	3.40	0.0001	0.9954	75	6.80	0.0002	0.9986
76	5.25	0.0017	0.9985	76	3.50	0.0001	0.9955	76	7.00	0.0003	0.9990
77	5.40	0.0012	0.9997	77	3.60	0.0003	0.9957	77	7.20	0.	0.9990
78	5.55	0.0003	1.0000	78	3.70	0.0001	0.9959	78	7.40	0.0003	0.9992
79	5.70	0.	1.0000	79	3.80	0.0002	0.9961	79	7.60	0.0001	0.9993
80	5.85	0.	1.0000	80	3.90	0.0001	0.9962	80	7.80	0.0003	0.9996
81	6.00	0.	1.0000	81	4.00	0.0003	0.9966	81	8.00	0.	0.9996

I - INTERVAL NUMBER X - INTERVAL CENTER VALUE

P(X) - PROBABILITY MASS FUNCTION F(X) - CUMULATIVE DISTRIBUTION FUNCTION

WILLETS PT. N.Y.

STATISTICS FOR DECEMBER

ASTRONOMICAL TIDE				STORM SURGE				TOTAL WATER LEVEL			
MEAN-0.17 STND DEV 2.75				MEAN-0.07 STND DEV 0.89				MEAN-0.24 STND DEV 2.85			
I	X	P(X)	F(X)	I	X	P(X)	F(X)	I	X	P(X)	F(X)
1	-6.00	0.	0.	1	-4.00	0.0001	0.0007	1	-8.00	0.	0.
2	-5.85	0.	0.	2	-3.90	0.0002	0.0009	2	-7.80	0.	0.
3	-5.70	0.	0.	3	-3.80	0.0001	0.0011	3	-7.60	0.	0.
4	-5.55	0.0001	0.0001	4	-3.70	0.0001	0.0012	4	-7.40	0.	0.
5	-5.40	0.0005	0.0006	5	-3.60	0.0003	0.0015	5	-7.20	0.	0.
6	-5.25	0.0010	0.0016	6	-3.50	0.0003	0.0018	6	-7.00	0.	0.
7	-5.10	0.0023	0.0039	7	-3.40	0.0001	0.0019	7	-6.80	0.0001	0.0001
8	-4.95	0.0036	0.0075	8	-3.30	0.0004	0.0023	8	-6.60	0.0005	0.0005
9	-4.80	0.0040	0.0115	9	-3.20	0.0003	0.0026	9	-6.40	0.0007	0.0013
10	-4.65	0.0045	0.0160	10	-3.10	0.0002	0.0028	10	-6.20	0.0005	0.0018
11	-4.50	0.0075	0.0235	11	-3.00	0.0007	0.0034	11	-6.00	0.0007	0.0024
12	-4.35	0.0100	0.0335	12	-2.90	0.0006	0.0041	12	-5.80	0.0022	0.0046
13	-4.20	0.0120	0.0454	13	-2.80	0.0010	0.0051	13	-5.60	0.0021	0.0067
14	-4.05	0.0147	0.0601	14	-2.70	0.0014	0.0065	14	-5.40	0.0030	0.0097
15	-3.90	0.0189	0.0790	15	-2.60	0.0018	0.0083	15	-5.20	0.0045	0.0142
16	-3.75	0.0237	0.1027	16	-2.50	0.0015	0.0098	16	-5.00	0.0078	0.0220
17	-3.60	0.0249	0.1276	17	-2.40	0.0018	0.0116	17	-4.80	0.0090	0.0310
18	-3.45	0.0237	0.1512	18	-2.30	0.0028	0.0144	18	-4.60	0.0109	0.0419
19	-3.30	0.0268	0.1780	19	-2.20	0.0032	0.0176	19	-4.40	0.0158	0.0577
20	-3.15	0.0280	0.2060	20	-2.10	0.0032	0.0208	20	-4.20	0.0200	0.0777
21	-3.00	0.0273	0.2333	21	-2.00	0.0033	0.0241	21	-4.00	0.0233	0.1010
22	-2.85	0.0238	0.2571	22	-1.90	0.0049	0.0289	22	-3.80	0.0254	0.1264
23	-2.70	0.0226	0.2796	23	-1.80	0.0061	0.0350	23	-3.60	0.0284	0.1548
24	-2.55	0.0209	0.3005	24	-1.70	0.0080	0.0430	24	-3.40	0.0297	0.1845
25	-2.40	0.0206	0.3211	25	-1.60	0.0075	0.0504	25	-3.20	0.0287	0.2132
26	-2.25	0.0156	0.3367	26	-1.50	0.0096	0.0601	26	-3.00	0.0299	0.2431
27	-2.10	0.0147	0.3513	27	-1.40	0.0111	0.0711	27	-2.80	0.0287	0.2717
28	-1.95	0.0146	0.3659	28	-1.30	0.0133	0.0844	28	-2.60	0.0274	0.2991
29	-1.80	0.0147	0.3806	29	-1.20	0.0167	0.1011	29	-2.40	0.0229	0.3220
30	-1.65	0.0124	0.3930	30	-1.10	0.0187	0.1198	30	-2.20	0.0219	0.3439
31	-1.50	0.0134	0.4064	31	-1.00	0.0232	0.1430	31	-2.00	0.0181	0.3620
32	-1.35	0.0127	0.4191	32	-0.90	0.0235	0.1665	32	-1.80	0.0201	0.3821
33	-1.20	0.0118	0.4309	33	-0.80	0.0270	0.1936	33	-1.60	0.0174	0.3995
34	-1.05	0.0104	0.4413	34	-0.70	0.0322	0.2258	34	-1.40	0.0169	0.4164
35	-0.90	0.0103	0.4516	35	-0.60	0.0349	0.2607	35	-1.20	0.0169	0.4333
36	-0.75	0.0122	0.4638	36	-0.50	0.0440	0.3047	36	-1.00	0.0152	0.4485
37	-0.60	0.0110	0.4749	37	-0.40	0.0449	0.3496	37	-0.80	0.0158	0.4643
38	-0.45	0.0112	0.4860	38	-0.30	0.0507	0.4003	38	-0.60	0.0163	0.4806
39	-0.30	0.0116	0.4976	39	-0.20	0.0528	0.4531	39	-0.40	0.0156	0.4962
40	-0.15	0.0118	0.5093	40	-0.10	0.0560	0.5091	40	-0.20	0.0146	0.5108
41	0.	0.0113	0.5206	41	0.	0.0519	0.5610	41	0.	0.0171	0.5279
42	0.15	0.0114	0.5320	42	0.10	0.0537	0.6147	42	0.20	0.0144	0.5423
43	0.30	0.0114	0.5434	43	0.20	0.0502	0.6649	43	0.40	0.0166	0.5590
44	0.45	0.0105	0.5539	44	0.30	0.0505	0.7154	44	0.60	0.0156	0.5746
45	0.60	0.0091	0.5630	45	0.40	0.0430	0.7584	45	0.80	0.0181	0.5927
46	0.75	0.0124	0.5754	46	0.50	0.0371	0.7954	46	1.00	0.0186	0.6113
47	0.90	0.0130	0.5884	47	0.60	0.0339	0.8294	47	1.20	0.0187	0.6301
48	1.05	0.0119	0.6003	48	0.70	0.0270	0.8564	48	1.40	0.0184	0.6485
49	1.20	0.0128	0.6132	49	0.80	0.0232	0.8796	49	1.60	0.0210	0.6694
50	1.35	0.0141	0.6273	50	0.90	0.0194	0.8989	50	1.80	0.0243	0.6937
51	1.50	0.0135	0.6408	51	1.00	0.0164	0.9153	51	2.00	0.0237	0.7174
52	1.65	0.0147	0.6555	52	1.10	0.0137	0.9290	52	2.20	0.0279	0.7452
53	1.80	0.0158	0.6713	53	1.20	0.0096	0.9386	53	2.40	0.0275	0.7727
54	1.95	0.0182	0.6895	54	1.30	0.0086	0.9473	54	2.60	0.0293	0.8021
55	2.10	0.0188	0.7083	55	1.40	0.0072	0.9545	55	2.80	0.0278	0.8298
56	2.25	0.0199	0.7282	56	1.50	0.0059	0.9604	56	3.00	0.0271	0.8569
57	2.40	0.0228	0.7510	57	1.60	0.0063	0.9666	57	3.20	0.0245	0.8814
58	2.55	0.0237	0.7747	58	1.70	0.0045	0.9711	58	3.40	0.0233	0.9047
59	2.70	0.0251	0.7997	59	1.80	0.0046	0.9757	59	3.60	0.0220	0.9267
60	2.85	0.0293	0.8290	60	1.90	0.0036	0.9792	60	3.80	0.0162	0.9428
61	3.00	0.0260	0.8550	61	2.00	0.0032	0.9825	61	4.00	0.0151	0.9579
62	3.15	0.0245	0.8795	62	2.10	0.0028	0.9853	62	4.20	0.0113	0.9693
63	3.30	0.0221	0.9016	63	2.20	0.0024	0.9877	63	4.40	0.0086	0.9778
64	3.45	0.0186	0.9202	64	2.30	0.0031	0.9908	64	4.60	0.0051	0.9829
65	3.60	0.0191	0.9393	65	2.40	0.0021	0.9929	65	4.80	0.0045	0.9875
66	3.75	0.0153	0.9546	66	2.50	0.0016	0.9945	66	5.00	0.0041	0.9916
67	3.90	0.0112	0.9658	67	2.60	0.0012	0.9957	67	5.20	0.0024	0.9939
68	4.05	0.0096	0.9754	68	2.70	0.0005	0.9962	68	5.40	0.0023	0.9962
69	4.20	0.0061	0.9814	69	2.80	0.0011	0.9973	69	5.60	0.0012	0.9974
70	4.35	0.0052	0.9867	70	2.90	0.0003	0.9976	70	5.80	0.0014	0.9987
71	4.50	0.0040	0.9907	71	3.00	0.0005	0.9981	71	6.00	0.0005	0.9993
72	4.65	0.0032	0.9940	72	3.10	0.0005	0.9986	72	6.20	0.0003	0.9995
73	4.80	0.0025	0.9964	73	3.20	0.0003	0.9990	73	6.40	0.0002	0.9997
74	4.95	0.0020	0.9984	74	3.30	0.0004	0.9994	74	6.60	0.0002	0.9999
75	5.10	0.0011	0.9995	75	3.40	0.0002	0.9996	75	6.80	0.0001	1.0000
76	5.25	0.0005	1.0000	76	3.50	0.0001	0.9997	76	7.00	0.	1.0000
77	5.40	0.	1.0000	77	3.60	0.0001	0.9998	77	7.20	0.	1.0000
78	5.55	0.	1.0000	78	3.70	0.0001	0.9999	78	7.40	0.	1.0000
79	5.70	0.	1.0000	79	3.80	0.0001	0.9999	79	7.60	0.	1.0000
80	5.85	0.	1.0000	80	3.90	0.	0.9999	80	7.80	0.	1.0000
81	6.00	0.	1.0000	81	4.00	0.	0.9999	81	8.00	0.	1.0000

I - INTERVAL NUMBER X - INTERVAL CENTER VALUE

P(X) - PROBABILITY MASS FUNCTION F(X) - CUMULATIVE DISTRIBUTION FUNCTION

THE BATTERY N.Y.

YEARLY STATISTICS

ASTRONOMICAL TIDE				STORM SURGE				TOTAL WATER LEVEL			
MEAN 0.01		STND DEV 1.65		MEAN-0.01		STND DEV 0.56		MEAN-0.01		STND DEV 1.71	
I	X	P(X)	F(X)	I	X	P(X)	F(X)	I	X	P(X)	F(X)
1	-4.00	0.	0.0001	1	-4.00	0.0000	0.0001	1	-6.00	0.0000	0.0001
2	-3.90	0.	0.0001	2	-3.90	0.0000	0.0001	2	-5.80	0.0000	0.0001
3	-3.80	0.0000	0.0001	3	-3.80	0.0000	0.0001	3	-5.60	0.0001	0.0002
4	-3.70	0.0001	0.0002	4	-3.70	0.0000	0.0002	4	-5.40	0.0001	0.0002
5	-3.60	0.0003	0.0004	5	-3.60	0.0000	0.0002	5	-5.20	0.0001	0.0003
6	-3.50	0.0006	0.0010	6	-3.50	0.0001	0.0002	6	-5.00	0.0002	0.0005
7	-3.40	0.0009	0.0020	7	-3.40	0.0001	0.0003	7	-4.80	0.0003	0.0008
8	-3.30	0.0015	0.0034	8	-3.30	0.0001	0.0004	8	-4.60	0.0003	0.0010
9	-3.20	0.0021	0.0056	9	-3.20	0.0001	0.0005	9	-4.40	0.0005	0.0015
10	-3.10	0.0035	0.0091	10	-3.10	0.0001	0.0005	10	-4.20	0.0009	0.0024
11	-3.00	0.0044	0.0135	11	-3.00	0.0001	0.0006	11	-4.00	0.0014	0.0038
12	-2.90	0.0051	0.0186	12	-2.90	0.0001	0.0007	12	-3.80	0.0023	0.0061
13	-2.80	0.0067	0.0253	13	-2.80	0.0002	0.0009	13	-3.60	0.0031	0.0092
14	-2.70	0.0085	0.0338	14	-2.70	0.0002	0.0010	14	-3.40	0.0049	0.0141
15	-2.60	0.0101	0.0438	15	-2.60	0.0002	0.0013	15	-3.20	0.0073	0.0214
16	-2.50	0.0120	0.0558	16	-2.50	0.0003	0.0016	16	-3.00	0.0106	0.0320
17	-2.40	0.0141	0.0700	17	-2.40	0.0003	0.0019	17	-2.80	0.0146	0.0466
18	-2.30	0.0163	0.0863	18	-2.30	0.0006	0.0025	18	-2.60	0.0201	0.0667
19	-2.20	0.0172	0.1035	19	-2.20	0.0006	0.0031	19	-2.40	0.0249	0.0915
20	-2.10	0.0184	0.1219	20	-2.10	0.0008	0.0039	20	-2.20	0.0301	0.1216
21	-2.00	0.0198	0.1416	21	-2.00	0.0010	0.0048	21	-2.00	0.0347	0.1563
22	-1.90	0.0210	0.1627	22	-1.90	0.0009	0.0058	22	-1.80	0.0380	0.1943
23	-1.80	0.0212	0.1838	23	-1.80	0.0015	0.0072	23	-1.60	0.0396	0.2339
24	-1.70	0.0218	0.2056	24	-1.70	0.0018	0.0090	24	-1.40	0.0390	0.2729
25	-1.60	0.0220	0.2277	25	-1.60	0.0019	0.0110	25	-1.20	0.0392	0.3121
26	-1.50	0.0216	0.2493	26	-1.50	0.0023	0.0132	26	-1.00	0.0364	0.3485
27	-1.40	0.0206	0.2699	27	-1.40	0.0031	0.0163	27	-0.80	0.0353	0.3837
28	-1.30	0.0204	0.2904	28	-1.30	0.0041	0.0204	28	-0.60	0.0354	0.4191
29	-1.20	0.0196	0.3100	29	-1.20	0.0050	0.0254	29	-0.40	0.0321	0.4512
30	-1.10	0.0191	0.3291	30	-1.10	0.0058	0.0312	30	-0.20	0.0315	0.4827
31	-1.00	0.0184	0.3475	31	-1.00	0.0078	0.0389	31	0.	0.0309	0.5136
32	-0.90	0.0174	0.3649	32	-0.90	0.0105	0.0494	32	0.20	0.0319	0.5455
33	-0.80	0.0170	0.3819	33	-0.80	0.0140	0.0635	33	0.40	0.0328	0.5783
34	-0.70	0.0160	0.3979	34	-0.70	0.0199	0.0833	34	0.60	0.0340	0.6122
35	-0.60	0.0154	0.4133	35	-0.60	0.0292	0.1125	35	0.80	0.0356	0.6478
36	-0.50	0.0154	0.4287	36	-0.50	0.0418	0.1543	36	1.00	0.0383	0.6862
37	-0.40	0.0153	0.4439	37	-0.40	0.0595	0.2139	37	1.20	0.0401	0.7263
38	-0.30	0.0153	0.4592	38	-0.30	0.0773	0.2912	38	1.40	0.0410	0.7672
39	-0.20	0.0148	0.4740	39	-0.20	0.0926	0.3838	39	1.60	0.0406	0.8078
40	-0.10	0.0148	0.4888	40	-0.10	0.0996	0.4833	40	1.80	0.0380	0.8458
41	0.	0.0146	0.5034	41	0.	0.0984	0.5818	41	2.00	0.0352	0.8810
42	0.10	0.0148	0.5181	42	0.10	0.0875	0.6693	42	2.20	0.0312	0.9122
43	0.20	0.0153	0.5334	43	0.20	0.0722	0.7415	43	2.40	0.0261	0.9383
44	0.30	0.0154	0.5488	44	0.30	0.0569	0.7984	44	2.60	0.0199	0.9582
45	0.40	0.0157	0.5645	45	0.40	0.0452	0.8436	45	2.80	0.0150	0.9732
46	0.50	0.0152	0.5796	46	0.50	0.0351	0.8787	46	3.00	0.0101	0.9833
47	0.60	0.0165	0.5961	47	0.60	0.0275	0.9062	47	3.20	0.0065	0.9898
48	0.70	0.0172	0.6133	48	0.70	0.0216	0.9279	48	3.40	0.0042	0.9940
49	0.80	0.0175	0.6308	49	0.80	0.0158	0.9437	49	3.60	0.0028	0.9967
50	0.90	0.0185	0.6493	50	0.90	0.0120	0.9557	50	3.80	0.0013	0.9981
51	1.00	0.0195	0.6688	51	1.00	0.0092	0.9649	51	4.00	0.0007	0.9988
52	1.10	0.0203	0.6891	52	1.10	0.0073	0.9722	52	4.20	0.0004	0.9992
53	1.20	0.0217	0.7108	53	1.20	0.0055	0.9777	53	4.40	0.0002	0.9994
54	1.30	0.0215	0.7323	54	1.30	0.0044	0.9821	54	4.60	0.0002	0.9996
55	1.40	0.0227	0.7550	55	1.40	0.0036	0.9857	55	4.80	0.0001	0.9997
56	1.50	0.0222	0.7772	56	1.50	0.0031	0.9888	56	5.00	0.0001	0.9998
57	1.60	0.0219	0.7991	57	1.60	0.0021	0.9909	57	5.20	0.0001	0.9998
58	1.70	0.0220	0.8211	58	1.70	0.0020	0.9928	58	5.40	0.0000	0.9998
59	1.80	0.0207	0.8418	59	1.80	0.0016	0.9944	59	5.60	0.0000	0.9999
60	1.90	0.0201	0.8619	60	1.90	0.0011	0.9955	60	5.80	0.0001	0.9999
61	2.00	0.0197	0.8816	61	2.00	0.0008	0.9963	61	6.00	0.0000	1.0000
62	2.10	0.0179	0.8994	62	2.10	0.0007	0.9969				
63	2.20	0.0162	0.9156	63	2.20	0.0005	0.9974				
64	2.30	0.0143	0.9299	64	2.30	0.0004	0.9978				
65	2.40	0.0127	0.9426	65	2.40	0.0004	0.9982				
66	2.50	0.0112	0.9538	66	2.50	0.0002	0.9984				
67	2.60	0.0098	0.9636	67	2.60	0.0002	0.9986				
68	2.70	0.0083	0.9718	68	2.70	0.0002	0.9988				
69	2.80	0.0070	0.9788	69	2.80	0.0002	0.9990				
70	2.90	0.0052	0.9841	70	2.90	0.0001	0.9991				
71	3.00	0.0044	0.9885	71	3.00	0.0001	0.9993				
72	3.10	0.0034	0.9919	72	3.10	0.0001	0.9994				
73	3.20	0.0027	0.9945	73	3.20	0.0001	0.9994				
74	3.30	0.0019	0.9965	74	3.30	0.0001	0.9995				
75	3.40	0.0016	0.9981	75	3.40	0.0000	0.9996				
76	3.50	0.0010	0.9991	76	3.50	0.0001	0.9996				
77	3.60	0.0007	0.9998	77	3.60	0.0001	0.9997				
78	3.70	0.0003	1.0000	78	3.70	0.0000	0.9997				
79	3.80	0.0000	1.0001	79	3.80	0.0001	0.9998				
80	3.90	0.	1.0001	80	3.90	0.0000	0.9998				
81	4.00	0.	1.0001	81	4.00	0.0000	0.9998				

I - INTERVAL NUMBER X - INTERVAL CENTER VALUE

P(X) - PROBABILITY MASS FUNCTION F(X) - CUMULATIVE DISTRIBUTION FUNCTION

THE BATTERY N.Y.

STATISTICS FOR JANUARY

ASTRONOMICAL TIDE				STORM SURGE				TOTAL WATER LEVEL			
MEAN-0.31		STND DEV 1.63		MEAN 0.07		STND DEV 0.78		MEAN-0.24		STND DEV 1.76	
I	X	P(X)	F(X)	I	X	P(X)	F(X)	I	X	P(X)	F(X)
1	-4.00	0.	0.	1	-4.00	0.0001	0.0005	1	-6.00	0.0001	0.0003
2	-3.90	0.	0.	2	-3.90	0.0002	0.0006	2	-5.80	0.0001	0.0004
3	-3.80	0.0003	0.0003	3	-3.80	0.0002	0.0008	3	-5.60	0.0001	0.0005
4	-3.70	0.0003	0.0006	4	-3.70	0.0003	0.0011	4	-5.40	0.0007	0.0011
5	-3.60	0.0011	0.0016	5	-3.60	0.0002	0.0014	5	-5.20	0.0005	0.0016
6	-3.50	0.0019	0.0036	6	-3.50	0.0003	0.0017	6	-5.00	0.0003	0.0019
7	-3.40	0.0029	0.0065	7	-3.40	0.0003	0.0020	7	-4.80	0.0005	0.0023
8	-3.30	0.0038	0.0103	8	-3.30	0.0005	0.0025	8	-4.60	0.0006	0.0029
9	-3.20	0.0044	0.0147	9	-3.20	0.0005	0.0030	9	-4.40	0.0010	0.0039
10	-3.10	0.0064	0.0211	10	-3.10	0.0004	0.0034	10	-4.20	0.0023	0.0061
11	-3.00	0.0079	0.0291	11	-3.00	0.0003	0.0037	11	-4.00	0.0041	0.0102
12	-2.90	0.0090	0.0380	12	-2.90	0.0003	0.0040	12	-3.80	0.0064	0.0166
13	-2.80	0.0118	0.0498	13	-2.80	0.0005	0.0044	13	-3.60	0.0070	0.0236
14	-2.70	0.0146	0.0644	14	-2.70	0.0004	0.0048	14	-3.40	0.0093	0.0329
15	-2.60	0.0155	0.0799	15	-2.60	0.0006	0.0054	15	-3.20	0.0114	0.0443
16	-2.50	0.0187	0.0986	16	-2.50	0.0008	0.0062	16	-3.00	0.0175	0.0618
17	-2.40	0.0220	0.1207	17	-2.40	0.0004	0.0066	17	-2.80	0.0220	0.0838
18	-2.30	0.0230	0.1437	18	-2.30	0.0011	0.0076	18	-2.60	0.0245	0.1083
19	-2.20	0.0229	0.1665	19	-2.20	0.0011	0.0087	19	-2.40	0.0268	0.1351
20	-2.10	0.0214	0.1879	20	-2.10	0.0014	0.0101	20	-2.20	0.0308	0.1659
21	-2.00	0.0252	0.2130	21	-2.00	0.0018	0.0119	21	-2.00	0.0354	0.2013
22	-1.90	0.0211	0.2341	22	-1.90	0.0020	0.0139	22	-1.80	0.0340	0.2352
23	-1.80	0.0236	0.2577	23	-1.80	0.0032	0.0171	23	-1.60	0.0399	0.2751
24	-1.70	0.0216	0.2793	24	-1.70	0.0039	0.0210	24	-1.40	0.0372	0.3123
25	-1.60	0.0207	0.3000	25	-1.60	0.0039	0.0249	25	-1.20	0.0366	0.3489
26	-1.50	0.0195	0.3194	26	-1.50	0.0056	0.0305	26	-1.00	0.0326	0.3814
27	-1.40	0.0172	0.3366	27	-1.40	0.0066	0.0371	27	-0.80	0.0373	0.4187
28	-1.30	0.0184	0.3550	28	-1.30	0.0089	0.0460	28	-0.60	0.0376	0.4563
29	-1.20	0.0177	0.3727	29	-1.20	0.0103	0.0564	29	-0.40	0.0325	0.4888
30	-1.10	0.0150	0.3877	30	-1.10	0.0118	0.0682	30	-0.20	0.0310	0.5197
31	-1.00	0.0146	0.4023	31	-1.00	0.0147	0.0829	31	0.	0.0327	0.5524
32	-0.90	0.0143	0.4167	32	-0.90	0.0181	0.1010	32	0.20	0.0377	0.5901
33	-0.80	0.0155	0.4321	33	-0.80	0.0254	0.1264	33	0.40	0.0346	0.6246
34	-0.70	0.0155	0.4476	34	-0.70	0.0279	0.1543	34	0.60	0.0377	0.6623
35	-0.60	0.0146	0.4621	35	-0.60	0.0322	0.1865	35	0.80	0.0385	0.7008
36	-0.50	0.0159	0.4781	36	-0.50	0.0368	0.2233	36	1.00	0.0389	0.7397
37	-0.40	0.0145	0.4925	37	-0.40	0.0446	0.2679	37	1.20	0.0361	0.7759
38	-0.30	0.0140	0.5066	38	-0.30	0.0474	0.3154	38	1.40	0.0387	0.8145
39	-0.20	0.0143	0.5208	39	-0.20	0.0510	0.3663	39	1.60	0.0334	0.8479
40	-0.10	0.0165	0.5373	40	-0.10	0.0526	0.4189	40	1.80	0.0326	0.8806
41	0.	0.0143	0.5516	41	0.	0.0585	0.4774	41	2.00	0.0280	0.9085
42	0.10	0.0143	0.5659	42	0.10	0.0574	0.5348	42	2.20	0.0222	0.9307
43	0.20	0.0161	0.5819	43	0.20	0.0574	0.5922	43	2.40	0.0180	0.9487
44	0.30	0.0161	0.5980	44	0.30	0.0562	0.6484	44	2.60	0.0165	0.9652
45	0.40	0.0161	0.6142	45	0.40	0.0531	0.7015	45	2.80	0.0115	0.9767
46	0.50	0.0158	0.6299	46	0.50	0.0474	0.7490	46	3.00	0.0079	0.9846
47	0.60	0.0200	0.6499	47	0.60	0.0460	0.7950	47	3.20	0.0053	0.9898
48	0.70	0.0201	0.6700	48	0.70	0.0396	0.8346	48	3.40	0.0032	0.9930
49	0.80	0.0196	0.6896	49	0.80	0.0313	0.8659	49	3.60	0.0027	0.9957
50	0.90	0.0199	0.7095	50	0.90	0.0263	0.8922	50	3.80	0.0017	0.9974
51	1.00	0.0238	0.7332	51	1.00	0.0211	0.9134	51	4.00	0.0011	0.9985
52	1.10	0.0232	0.7564	52	1.10	0.0185	0.9319	52	4.20	0.0008	0.9993
53	1.20	0.0260	0.7824	53	1.20	0.0151	0.9470	53	4.40	0.0002	0.9994
54	1.30	0.0250	0.8074	54	1.30	0.0113	0.9583	54	4.60	0.0002	0.9996
55	1.40	0.0226	0.8301	55	1.40	0.0086	0.9670	55	4.80	0.0001	0.9997
56	1.50	0.0208	0.8508	56	1.50	0.0071	0.9741	56	5.00	0.0001	0.9998
57	1.60	0.0191	0.8699	57	1.60	0.0055	0.9795	57	5.20	0.0001	0.9998
58	1.70	0.0185	0.8884	58	1.70	0.0049	0.9845	58	5.40	0.	0.9998
59	1.80	0.0179	0.9064	59	1.80	0.0033	0.9878	59	5.60	0.	0.9998
60	1.90	0.0143	0.9207	60	1.90	0.0026	0.9904	60	5.80	0.0002	1.0000
61	2.00	0.0150	0.9357	61	2.00	0.0024	0.9928	61	6.00	0.	1.0000
62	2.10	0.0148	0.9505	62	2.10	0.0011	0.9939				
63	2.20	0.0114	0.9618	63	2.20	0.0008	0.9946				
64	2.30	0.0093	0.9711	64	2.30	0.0005	0.9951				
65	2.40	0.0071	0.9782	65	2.40	0.0010	0.9961				
66	2.50	0.0052	0.9834	66	2.50	0.0007	0.9968				
67	2.60	0.0040	0.9873	67	2.60	0.0003	0.9971				
68	2.70	0.0028	0.9901	68	2.70	0.0004	0.9975				
69	2.80	0.0039	0.9940	69	2.80	0.0005	0.9979				
70	2.90	0.0023	0.9963	70	2.90	0.0002	0.9980				
71	3.00	0.0019	0.9983	71	3.00	0.0004	0.9984				
72	3.10	0.0011	0.9993	72	3.10	0.0002	0.9986				
73	3.20	0.0007	1.0000	73	3.20	0.0004	0.9990				
74	3.30	0.	1.0000	74	3.30	0.0004	0.9994				
75	3.40	0.	1.0000	75	3.40	0.0001	0.9995				
76	3.50	0.	1.0000	76	3.50	0.0001	0.9996				
77	3.60	0.	1.0000	77	3.60	0.0001	0.9996				
78	3.70	0.	1.0000	78	3.70	0.0001	0.9997				
79	3.80	0.	1.0000	79	3.80	0.0003	1.0000				
80	3.90	0.	1.0000	80	3.90	0.	1.0000				
81	4.00	0.	1.0000	81	4.00	0.	1.0000				

I - INTERVAL NUMBER X - INTERVAL CENTER VALUE

P(X) - PROBABILITY MASS FUNCTION F(X) - CUMULATIVE DISTRIBUTION FUNCTION

THE BATTERY N.Y.

STATISTICS FOR FEBRUARY

ASTRONOMICAL TIDE				STORM SURGE				TOTAL WATER LEVEL			
MEAN-0.27		STND DEV 1.63		MEAN-0.03		STND DEV 0.76		MEAN-0.29		STND DEV 1.75	
I	X	P(X)	F(X)	I	X	P(X)	F(X)	I	X	P(X)	F(X)
1	-6.00	0.	0.	1	-6.00	0.	0.	1	-6.00	0.	0.
2	-3.90	0.	0.	2	-3.90	0.	0.	2	-5.80	0.0001	0.0001
3	-3.80	0.0001	0.0001	3	-3.80	0.	0.	3	-5.60	0.0003	0.0004
4	-3.70	0.0006	0.0007	4	-3.70	0.	0.	4	-5.40	0.0002	0.0006
5	-3.60	0.0012	0.0019	5	-3.60	0.	0.	5	-5.20	0.0002	0.0008
6	-3.50	0.0021	0.0040	6	-3.50	0.0001	0.0001	6	-5.00	0.0006	0.0014
7	-3.40	0.0034	0.0075	7	-3.40	0.	0.0001	7	-4.80	0.0008	0.0022
8	-3.30	0.0043	0.0117	8	-3.30	0.0003	0.0004	8	-4.60	0.0007	0.0029
9	-3.20	0.0047	0.0165	9	-3.20	0.	0.0004	9	-4.40	0.0016	0.0045
10	-3.10	0.0071	0.0236	10	-3.10	0.0002	0.0006	10	-4.20	0.0028	0.0073
11	-3.00	0.0071	0.0307	11	-3.00	0.0002	0.0007	11	-4.00	0.0041	0.0114
12	-2.90	0.0099	0.0406	12	-2.90	0.0003	0.0010	12	-3.80	0.0066	0.0179
13	-2.80	0.0113	0.0519	13	-2.80	0.0007	0.0018	13	-3.60	0.0072	0.0252
14	-2.70	0.0133	0.0652	14	-2.70	0.0002	0.0020	14	-3.40	0.0103	0.0355
15	-2.60	0.0138	0.0790	15	-2.60	0.0010	0.0029	15	-3.20	0.0141	0.0496
16	-2.50	0.0169	0.0959	16	-2.50	0.0008	0.0037	16	-3.00	0.0166	0.0662
17	-2.40	0.0183	0.1142	17	-2.40	0.0015	0.0052	17	-2.80	0.0218	0.0880
18	-2.30	0.0195	0.1337	18	-2.30	0.0022	0.0075	18	-2.60	0.0261	0.1141
19	-2.20	0.0206	0.1543	19	-2.20	0.0030	0.0105	19	-2.40	0.0277	0.1418
20	-2.10	0.0212	0.1755	20	-2.10	0.0028	0.0133	20	-2.20	0.0304	0.1722
21	-2.00	0.0232	0.1987	21	-2.00	0.0041	0.0173	21	-2.00	0.0339	0.2061
22	-1.90	0.0228	0.2215	22	-1.90	0.0034	0.0207	22	-1.80	0.0359	0.2440
23	-1.80	0.0219	0.2434	23	-1.80	0.0052	0.0260	23	-1.60	0.0389	0.2829
24	-1.70	0.0213	0.2647	24	-1.70	0.0060	0.0320	24	-1.40	0.0384	0.3213
25	-1.60	0.0227	0.2874	25	-1.60	0.0063	0.0383	25	-1.20	0.0378	0.3590
26	-1.50	0.0212	0.3086	26	-1.50	0.0064	0.0446	26	-1.00	0.0368	0.3959
27	-1.40	0.0194	0.3280	27	-1.40	0.0079	0.0525	27	-0.80	0.0326	0.4285
28	-1.30	0.0172	0.3452	28	-1.30	0.0117	0.0643	28	-0.60	0.0359	0.4644
29	-1.20	0.0166	0.3618	29	-1.20	0.0112	0.0755	29	-0.40	0.0353	0.4997
30	-1.10	0.0172	0.3790	30	-1.10	0.0130	0.0885	30	-0.20	0.0318	0.5314
31	-1.00	0.0150	0.3939	31	-1.00	0.0166	0.1051	31	0.	0.0319	0.5633
32	-0.90	0.0149	0.4088	32	-0.90	0.0205	0.1256	32	0.20	0.0338	0.5971
33	-0.80	0.0167	0.4255	33	-0.80	0.0221	0.1476	33	0.40	0.0387	0.6359
34	-0.70	0.0158	0.4413	34	-0.70	0.0291	0.1767	34	0.60	0.0334	0.6693
35	-0.60	0.0144	0.4557	35	-0.60	0.0305	0.2071	35	0.80	0.0364	0.7057
36	-0.50	0.0157	0.4714	36	-0.50	0.0356	0.2427	36	1.00	0.0380	0.7437
37	-0.40	0.0129	0.4843	37	-0.40	0.0429	0.2856	37	1.20	0.0384	0.7821
38	-0.30	0.0144	0.4987	38	-0.30	0.0500	0.3356	38	1.40	0.0379	0.8201
39	-0.20	0.0151	0.5137	39	-0.20	0.0535	0.3891	39	1.60	0.0354	0.8555
40	-0.10	0.0162	0.5300	40	-0.10	0.0575	0.4467	40	1.80	0.0317	0.8871
41	0.	0.0161	0.5460	41	0.	0.0650	0.5117	41	2.00	0.0279	0.9151
42	0.10	0.0144	0.5604	42	0.10	0.0663	0.5779	42	2.20	0.0242	0.9393
43	0.20	0.0147	0.5750	43	0.20	0.0598	0.6377	43	2.40	0.0191	0.9583
44	0.30	0.0177	0.5927	44	0.30	0.0599	0.6976	44	2.60	0.0121	0.9704
45	0.40	0.0157	0.6084	45	0.40	0.0532	0.7508	45	2.80	0.0108	0.9812
46	0.50	0.0174	0.6258	46	0.50	0.0514	0.8022	46	3.00	0.0072	0.9884
47	0.60	0.0177	0.6435	47	0.60	0.0416	0.8438	47	3.20	0.0046	0.9930
48	0.70	0.0214	0.6649	48	0.70	0.0418	0.8856	48	3.40	0.0028	0.9958
49	0.80	0.0182	0.6830	49	0.80	0.0283	0.9139	49	3.60	0.0018	0.9976
50	0.90	0.0225	0.7055	50	0.90	0.0212	0.9351	50	3.80	0.0010	0.9986
51	1.00	0.0192	0.7248	51	1.00	0.0141	0.9491	51	4.00	0.0006	0.9991
52	1.10	0.0217	0.7465	52	1.10	0.0114	0.9605	52	4.20	0.0003	0.9994
53	1.20	0.0226	0.7691	53	1.20	0.0073	0.9679	53	4.40	0.0002	0.9996
54	1.30	0.0206	0.7897	54	1.30	0.0059	0.9738	54	4.60	0.0002	0.9998
55	1.40	0.0243	0.8139	55	1.40	0.0050	0.9788	55	4.80	0.	0.9998
56	1.50	0.0219	0.8358	56	1.50	0.0042	0.9830	56	5.00	0.0001	0.9998
57	1.60	0.0205	0.8563	57	1.60	0.0028	0.9858	57	5.20	0.	0.9998
58	1.70	0.0210	0.8773	58	1.70	0.0031	0.9889	58	5.40	0.	0.9998
59	1.80	0.0183	0.8956	59	1.80	0.0021	0.9910	59	5.60	0.0002	1.0000
60	1.90	0.0158	0.9115	60	1.90	0.0017	0.9927	60	5.80	0.	1.0000
61	2.00	0.0170	0.9285	61	2.00	0.0008	0.9935	61	6.00	0.	1.0000
62	2.10	0.0147	0.9432	62	2.10	0.0010	0.9944				
63	2.20	0.0135	0.9567	63	2.20	0.0006	0.9951				
64	2.30	0.0106	0.9673	64	2.30	0.0010	0.9960				
65	2.40	0.0080	0.9752	65	2.40	0.0007	0.9968				
66	2.50	0.0076	0.9829	66	2.50	0.0003	0.9971				
67	2.60	0.0056	0.9884	67	2.60	0.0008	0.9979				
68	2.70	0.0042	0.9926	68	2.70	0.0004	0.9983				
69	2.80	0.0031	0.9957	69	2.80	0.0006	0.9989				
70	2.90	0.0020	0.9978	70	2.90	0.0003	0.9992				
71	3.00	0.0015	0.9992	71	3.00	0.0002	0.9994				
72	3.10	0.0006	0.9998	72	3.10	0.0001	0.9994				
73	3.20	0.0002	1.0000	73	3.20	0.0001	0.9995				
74	3.30	0.	1.0000	74	3.30	0.0001	0.9996				
75	3.40	0.	1.0000	75	3.40	0.	0.9996				
76	3.50	0.	1.0000	76	3.50	0.0001	0.9997				
77	3.60	0.	1.0000	77	3.60	0.0001	0.9998				
78	3.70	0.	1.0000	78	3.70	0.	0.9998				
79	3.80	0.	1.0000	79	3.80	0.0001	0.9998				
80	3.90	0.	1.0000	80	3.90	0.	0.9998				
81	4.00	0.	1.0000	81	4.00	0.	0.9998				

I - INTERVAL NUMBER X - INTERVAL CENTER VALUE

P(X) - PROBABILITY MASS FUNCTION F(X) - CUMULATIVE DISTRIBUTION FUNCTION

THE BATTERY N.Y.

STATISTICS FOR MARCH

ASTRONOMICAL TIDE				STORM SURGE				TOTAL WATER LEVEL			
MEAN-0.16		STND DEV 1.63		MEAN 0.05		STND DEV 0.73		MEAN-0.10		STND DEV 1.75	
I	X	P(X)	F(X)	I	X	P(X)	F(X)	I	X	P(X)	F(X)
1	-4.00	0.	0.	1	-4.00	0.	0.	1	-6.00	0.	0.
2	-3.90	0.	0.	2	-3.90	0.	0.	2	-5.80	0.	0.
3	-3.80	0.	0.	3	-3.80	0.	0.	3	-5.60	0.0001	0.0001
4	-3.70	0.0001	0.0001	4	-3.70	0.	0.	4	-5.40	0.0001	0.0002
5	-3.60	0.0006	0.0006	5	-3.60	0.	0.	5	-5.20	0.0001	0.0004
6	-3.50	0.0018	0.0024	6	-3.50	0.0001	0.0001	6	-5.00	0.0003	0.0006
7	-3.40	0.0021	0.0045	7	-3.40	0.0002	0.0003	7	-4.80	0.0010	0.0016
8	-3.30	0.0031	0.0076	8	-3.30	0.0002	0.0005	8	-4.60	0.0009	0.0026
9	-3.20	0.0036	0.0112	9	-3.20	0.0001	0.0006	9	-4.40	0.0008	0.0034
10	-3.10	0.0049	0.0161	10	-3.10	0.0001	0.0006	10	-4.20	0.0020	0.0054
11	-3.00	0.0074	0.0234	11	-3.00	0.0001	0.0008	11	-4.00	0.0025	0.0079
12	-2.90	0.0062	0.0296	12	-2.90	0.0003	0.0011	12	-3.80	0.0035	0.0113
13	-2.80	0.0083	0.0379	13	-2.80	0.0006	0.0016	13	-3.60	0.0056	0.0169
14	-2.70	0.0115	0.0495	14	-2.70	0.0006	0.0023	14	-3.40	0.0089	0.0258
15	-2.60	0.0137	0.0631	15	-2.60	0.0003	0.0026	15	-3.20	0.0113	0.0371
16	-2.50	0.0161	0.0792	16	-2.50	0.0009	0.0034	16	-3.00	0.0142	0.0513
17	-2.40	0.0167	0.0959	17	-2.40	0.0004	0.0039	17	-2.80	0.0163	0.0676
18	-2.30	0.0169	0.1128	18	-2.30	0.0013	0.0051	18	-2.60	0.0209	0.0885
19	-2.20	0.0171	0.1298	19	-2.20	0.0010	0.0061	19	-2.40	0.0263	0.1147
20	-2.10	0.0212	0.1510	20	-2.10	0.0015	0.0076	20	-2.20	0.0282	0.1429
21	-2.00	0.0217	0.1726	21	-2.00	0.0019	0.0095	21	-2.00	0.0313	0.1742
22	-1.90	0.0216	0.1942	22	-1.90	0.0013	0.0108	22	-1.80	0.0366	0.2108
23	-1.80	0.0217	0.2159	23	-1.80	0.0024	0.0132	23	-1.60	0.0380	0.2488
24	-1.70	0.0218	0.2377	24	-1.70	0.0035	0.0167	24	-1.40	0.0367	0.2855
25	-1.60	0.0219	0.2596	25	-1.60	0.0035	0.0202	25	-1.20	0.0361	0.3216
26	-1.50	0.0217	0.2813	26	-1.50	0.0041	0.0243	26	-1.00	0.0352	0.3567
27	-1.40	0.0205	0.3019	27	-1.40	0.0057	0.0300	27	-0.80	0.0343	0.3910
28	-1.30	0.0196	0.3215	28	-1.30	0.0071	0.0371	28	-0.60	0.0366	0.4276
29	-1.20	0.0191	0.3406	29	-1.20	0.0094	0.0465	29	-0.40	0.0342	0.4618
30	-1.10	0.0185	0.3590	30	-1.10	0.0098	0.0563	30	-0.20	0.0325	0.4943
31	-1.00	0.0157	0.3747	31	-1.00	0.0141	0.0704	31	0.	0.0316	0.5260
32	-0.90	0.0175	0.3922	32	-0.90	0.0168	0.0872	32	0.20	0.0343	0.5603
33	-0.80	0.0158	0.4080	33	-0.80	0.0190	0.1062	33	0.40	0.0340	0.5943
34	-0.70	0.0130	0.4209	34	-0.70	0.0256	0.1318	34	0.60	0.0358	0.6301
35	-0.60	0.0171	0.4380	35	-0.60	0.0325	0.1642	35	0.80	0.0372	0.6672
36	-0.50	0.0149	0.4529	36	-0.50	0.0359	0.2001	36	1.00	0.0400	0.7073
37	-0.40	0.0156	0.4685	37	-0.40	0.0467	0.2469	37	1.20	0.0415	0.7487
38	-0.30	0.0143	0.4828	38	-0.30	0.0546	0.3014	38	1.40	0.0391	0.7878
39	-0.20	0.0139	0.4967	39	-0.20	0.0634	0.3648	39	1.60	0.0376	0.8254
40	-0.10	0.0146	0.5112	40	-0.10	0.0670	0.4318	40	1.80	0.0351	0.8605
41	0.	0.0152	0.5265	41	0.	0.0671	0.4989	41	2.00	0.0300	0.8906
42	0.10	0.0140	0.5405	42	0.10	0.0679	0.5667	42	2.20	0.0303	0.9209
43	0.20	0.0173	0.5578	43	0.20	0.0688	0.6355	43	2.40	0.0224	0.9433
44	0.30	0.0167	0.5745	44	0.30	0.0646	0.7001	44	2.60	0.0171	0.9603
45	0.40	0.0148	0.5893	45	0.40	0.0554	0.7556	45	2.80	0.0138	0.9741
46	0.50	0.0168	0.6060	46	0.50	0.0474	0.8029	46	3.00	0.0094	0.9835
47	0.60	0.0165	0.6225	47	0.60	0.0425	0.8454	47	3.20	0.0059	0.9894
48	0.70	0.0177	0.6402	48	0.70	0.0289	0.8743	48	3.40	0.0038	0.9932
49	0.80	0.0203	0.6605	49	0.80	0.0245	0.8988	49	3.60	0.0025	0.9957
50	0.90	0.0204	0.6810	50	0.90	0.0173	0.9161	50	3.80	0.0012	0.9969
51	1.00	0.0204	0.7014	51	1.00	0.0143	0.9304	51	4.00	0.0008	0.9977
52	1.10	0.0207	0.7221	52	1.10	0.0104	0.9407	52	4.20	0.0003	0.9980
53	1.20	0.0215	0.7436	53	1.20	0.0100	0.9507	53	4.40	0.0003	0.9983
54	1.30	0.0205	0.7641	54	1.30	0.0089	0.9596	54	4.60	0.0002	0.9985
55	1.40	0.0216	0.7857	55	1.40	0.0069	0.9665	55	4.80	0.0003	0.9988
56	1.50	0.0220	0.8077	56	1.50	0.0069	0.9734	56	5.00	0.	0.9988
57	1.60	0.0221	0.8297	57	1.60	0.0049	0.9782	57	5.20	0.0002	0.9990
58	1.70	0.0215	0.8512	58	1.70	0.0044	0.9826	58	5.40	0.0001	0.9991
59	1.80	0.0200	0.8713	59	1.80	0.0033	0.9859	59	5.60	0.0001	0.9992
60	1.90	0.0212	0.8924	60	1.90	0.0019	0.9877	60	5.80	0.0002	0.9994
61	2.00	0.0197	0.9121	61	2.00	0.0020	0.9897	61	6.00	0.0001	0.9995
62	2.10	0.0179	0.9300	62	2.10	0.0019	0.9916				
63	2.20	0.0159	0.9459	63	2.20	0.0012	0.9928				
64	2.30	0.0119	0.9578	64	2.30	0.0012	0.9940				
65	2.40	0.0101	0.9678	65	2.40	0.0004	0.9944				
66	2.50	0.0079	0.9757	66	2.50	0.0005	0.9949				
67	2.60	0.0066	0.9823	67	2.60	0.0004	0.9953				
68	2.70	0.0053	0.9876	68	2.70	0.0004	0.9957				
69	2.80	0.0049	0.9925	69	2.80	0.0006	0.9963				
70	2.90	0.0029	0.9954	70	2.90	0.0007	0.9970				
71	3.00	0.0027	0.9981	71	3.00	0.0004	0.9974				
72	3.10	0.0010	0.9991	72	3.10	0.0001	0.9976				
73	3.20	0.0009	1.0000	73	3.20	0.0003	0.9979				
74	3.30	0.	1.0000	74	3.30	0.0002	0.9981				
75	3.40	0.	1.0000	75	3.40	0.0002	0.9983				
76	3.50	0.	1.0000	76	3.50	0.0004	0.9986				
77	3.60	0.	1.0000	77	3.60	0.0003	0.9989				
78	3.70	0.	1.0000	78	3.70	0.0001	0.9990				
79	3.80	0.	1.0000	79	3.80	0.0003	0.9993				
80	3.90	0.	1.0000	80	3.90	0.0002	0.9995				
81	4.00	0.	1.0000	81	4.00	0.0001	0.9996				

I - INTERVAL NUMBER X - INTERVAL CENTER VALUE

P(X) - PROBABILITY MASS FUNCTION F(X) - CUMULATIVE DISTRIBUTION FUNCTION

THE BATTERY N.Y.

STATISTICS FOR APRIL

ASTRONOMICAL TIDE

MEAN-0.03 STND DEV 1.64

I	X	P(X)	F(X)
1	-4.00	0.	0.
2	-3.90	0.	0.
3	-3.80	0.	0.
4	-3.70	0.	0.
5	-3.60	0.	0.
6	-3.50	0.0005	0.0005
7	-3.40	0.0012	0.0016
8	-3.30	0.0018	0.0034
9	-3.20	0.0026	0.0059
10	-3.10	0.0041	0.0100
11	-3.00	0.0054	0.0154
12	-2.90	0.0046	0.0201
13	-2.80	0.0073	0.0273
14	-2.70	0.0101	0.0374
15	-2.60	0.0104	0.0478
16	-2.50	0.0120	0.0599
17	-2.40	0.0162	0.0761
18	-2.30	0.0175	0.0936
19	-2.20	0.0172	0.1108
20	-2.10	0.0171	0.1279
21	-2.00	0.0207	0.1485
22	-1.90	0.0200	0.1685
23	-1.80	0.0196	0.1881
24	-1.70	0.0215	0.2097
25	-1.60	0.0228	0.2325
26	-1.50	0.0208	0.2532
27	-1.40	0.0218	0.2751
28	-1.30	0.0210	0.2961
29	-1.20	0.0191	0.3151
30	-1.10	0.0216	0.3367
31	-1.00	0.0165	0.3532
32	-0.90	0.0171	0.3703
33	-0.80	0.0161	0.3864
34	-0.70	0.0148	0.4012
35	-0.60	0.0161	0.4174
36	-0.50	0.0150	0.4323
37	-0.40	0.0154	0.4477
38	-0.30	0.0174	0.4651
39	-0.20	0.0131	0.4782
40	-0.10	0.0162	0.4944
41	0.	0.0150	0.5094
42	0.10	0.0143	0.5237
43	0.20	0.0139	0.5376
44	0.30	0.0144	0.5520
45	0.40	0.0148	0.5668
46	0.50	0.0147	0.5816
47	0.60	0.0194	0.6010
48	0.70	0.0170	0.6180
49	0.80	0.0178	0.6358
50	0.90	0.0198	0.6556
51	1.00	0.0183	0.6739
52	1.10	0.0222	0.6961
53	1.20	0.0200	0.7161
54	1.30	0.0235	0.7396
55	1.40	0.0203	0.7599
56	1.50	0.0241	0.7840
57	1.60	0.0228	0.8068
58	1.70	0.0209	0.8277
59	1.80	0.0224	0.8501
60	1.90	0.0200	0.8701
61	2.00	0.0205	0.8905
62	2.10	0.0184	0.9089
63	2.20	0.0165	0.9254
64	2.30	0.0146	0.9400
65	2.40	0.0127	0.9526
66	2.50	0.0111	0.9637
67	2.60	0.0076	0.9714
68	2.70	0.0073	0.9787
69	2.80	0.0056	0.9843
70	2.90	0.0042	0.9886
71	3.00	0.0023	0.9909
72	3.10	0.0034	0.9943
73	3.20	0.0024	0.9967
74	3.30	0.0016	0.9983
75	3.40	0.0009	0.9992
76	3.50	0.0008	0.9999
77	3.60	0.0001	1.0000
78	3.70	0.	1.0000
79	3.80	0.	1.0000
80	3.90	0.	1.0000
81	4.00	0.	1.0000

STORM SURGE

MEAN 0.03 STND DEV 0.50

I	X	P(X)	F(X)
1	-4.00	0.	0.
2	-3.90	0.	0.
3	-3.80	0.	0.
4	-3.70	0.	0.
5	-3.60	0.	0.
6	-3.50	0.	0.
7	-3.40	0.	0.
8	-3.30	0.	0.
9	-3.20	0.	0.
10	-3.10	0.	0.
11	-3.00	0.	0.
12	-2.90	0.	0.
13	-2.80	0.	0.
14	-2.70	0.	0.
15	-2.60	0.0002	0.0002
16	-2.50	0.0001	0.0002
17	-2.40	0.0003	0.0005
18	-2.30	0.0001	0.0006
19	-2.20	0.0003	0.0009
20	-2.10	0.0001	0.0010
21	-2.00	0.0004	0.0014
22	-1.90	0.0004	0.0018
23	-1.80	0.0007	0.0025
24	-1.70	0.0004	0.0029
25	-1.60	0.0007	0.0036
26	-1.50	0.0005	0.0041
27	-1.40	0.0010	0.0051
28	-1.30	0.0015	0.0066
29	-1.20	0.0028	0.0094
30	-1.10	0.0029	0.0123
31	-1.00	0.0055	0.0178
32	-0.90	0.0072	0.0249
33	-0.80	0.0146	0.0395
34	-0.70	0.0238	0.0634
35	-0.60	0.0342	0.0975
36	-0.50	0.0478	0.1454
37	-0.40	0.0633	0.2086
38	-0.30	0.0739	0.2826
39	-0.20	0.0822	0.3647
40	-0.10	0.0887	0.4535
41	0.	0.0921	0.5455
42	0.10	0.0830	0.6285
43	0.20	0.0795	0.7080
44	0.30	0.0671	0.7750
45	0.40	0.0529	0.8279
46	0.50	0.0438	0.8718
47	0.60	0.0320	0.9038
48	0.70	0.0281	0.9319
49	0.80	0.0192	0.9511
50	0.90	0.0126	0.9637
51	1.00	0.0092	0.9728
52	1.10	0.0069	0.9798
53	1.20	0.0041	0.9839
54	1.30	0.0029	0.9868
55	1.40	0.0033	0.9901
56	1.50	0.0032	0.9933
57	1.60	0.0014	0.9947
58	1.70	0.0014	0.9961
59	1.80	0.0013	0.9974
60	1.90	0.0003	0.9977
61	2.00	0.0005	0.9982
62	2.10	0.0003	0.9985
63	2.20	0.0002	0.9986
64	2.30	0.0001	0.9987
65	2.40	0.	0.9987
66	2.50	0.0002	0.9988
67	2.60	0.0001	0.9989
68	2.70	0.0002	0.9991
69	2.80	0.0002	0.9992
70	2.90	0.	0.9992
71	3.00	0.0001	0.9993
72	3.10	0.0001	0.9994
73	3.20	0.0001	0.9995
74	3.30	0.0002	0.9996
75	3.40	0.0001	0.9997
76	3.50	0.	0.9997
77	3.60	0.0003	1.0000
78	3.70	0.	1.0000
79	3.80	0.	1.0000
80	3.90	0.	1.0000
81	4.00	0.	1.0000

TOTAL WATER LEVEL

MEAN 0.00 STND DEV 1.69

I	X	P(X)	F(X)
1	-6.00	0.	0.
2	-5.80	0.	0.
3	-5.60	0.	0.
4	-5.40	0.	0.
5	-5.20	0.	0.
6	-5.00	0.0001	0.0001
7	-4.80	0.0001	0.0002
8	-4.60	0.0002	0.0004
9	-4.40	0.0003	0.0007
10	-4.20	0.0005	0.0012
11	-4.00	0.0007	0.0019
12	-3.80	0.0017	0.0036
13	-3.60	0.0031	0.0067
14	-3.40	0.0050	0.0117
15	-3.20	0.0080	0.0197
16	-3.00	0.0130	0.0326
17	-2.80	0.0136	0.0462
18	-2.60	0.0213	0.0675
19	-2.40	0.0239	0.0914
20	-2.20	0.0295	0.1209
21	-2.00	0.0326	0.1535
22	-1.80	0.0379	0.1914
23	-1.60	0.0395	0.2309
24	-1.40	0.0378	0.2687
25	-1.20	0.0397	0.3084
26	-1.00	0.0360	0.3444
27	-0.80	0.0349	0.3793
28	-0.60	0.0353	0.4146
29	-0.40	0.0321	0.4467
30	-0.20	0.0323	0.4790
31	0.	0.0303	0.5093
32	0.20	0.0304	0.5397
33	0.40	0.0326	0.5723
34	0.60	0.0357	0.6080
35	0.80	0.0368	0.6448
36	1.00	0.0384	0.6833
37	1.20	0.0441	0.7274
38	1.40	0.0411	0.7685
39	1.60	0.0450	0.8135
40	1.80	0.0394	0.8529
41	2.00	0.0341	0.8870
42	2.20	0.0311	0.9181
43	2.40	0.0244	0.9425
44	2.60	0.0179	0.9604
45	2.80	0.0146	0.9750
46	3.00	0.0092	0.9842
47	3.20	0.0059	0.9901
48	3.40	0.0041	0.9942
49	3.60	0.0026	0.9968
50	3.80	0.0015	0.9984
51	4.00	0.0005	0.9989
52	4.20	0.0005	0.9994
53	4.40	0.0001	0.9995
54	4.60	0.0002	0.9997
55	4.80	0.0001	0.9998
56	5.00	0.	0.9998
57	5.20	0.	0.9998
58	5.40	0.	0.9998
59	5.60	0.	0.9998
60	5.80	0.0002	0.9999
61	6.00	0.0001	1.0000

I - INTERVAL NUMBER X - INTERVAL CENTER VALUE

P(X) - PROBABILITY MASS FUNCTION F(X) - CUMULATIVE DISTRIBUTION FUNCTION

THE BATTERY N.Y.

STATISTICS FOR MAY

ASTRONOMICAL TIDE

MEAN 0.06 STND DEV 1.64

I	X	P(X)	F(X)
1	-4.00	0.	0.
2	-3.90	0.	0.
3	-3.80	0.	0.
4	-3.70	0.	0.
5	-3.60	0.	0.
6	-3.50	0.	0.
7	-3.40	0.0002	0.0002
8	-3.30	0.0007	0.0009
9	-3.20	0.0015	0.0024
10	-3.10	0.0021	0.0045
11	-3.00	0.0036	0.0081
12	-2.90	0.0048	0.0129
13	-2.80	0.0056	0.0185
14	-2.70	0.0067	0.0251
15	-2.60	0.0091	0.0342
16	-2.50	0.0113	0.0455
17	-2.40	0.0126	0.0581
18	-2.30	0.0165	0.0746
19	-2.20	0.0182	0.0927
20	-2.10	0.0181	0.1108
21	-2.00	0.0192	0.1300
22	-1.90	0.0204	0.1505
23	-1.80	0.0225	0.1730
24	-1.70	0.0220	0.1950
25	-1.60	0.0222	0.2171
26	-1.50	0.0220	0.2392
27	-1.40	0.0206	0.2597
28	-1.30	0.0203	0.2800
29	-1.20	0.0206	0.3007
30	-1.10	0.0180	0.3187
31	-1.00	0.0198	0.3385
32	-0.90	0.0179	0.3564
33	-0.80	0.0173	0.3737
34	-0.70	0.0160	0.3896
35	-0.60	0.0163	0.4060
36	-0.50	0.0147	0.4207
37	-0.40	0.0150	0.4357
38	-0.30	0.0161	0.4518
39	-0.20	0.0147	0.4665
40	-0.10	0.0127	0.4792
41	0.	0.0151	0.4943
42	0.10	0.0155	0.5097
43	0.20	0.0154	0.5251
44	0.30	0.0166	0.5417
45	0.40	0.0143	0.5561
46	0.50	0.0149	0.5710
47	0.60	0.0143	0.5852
48	0.70	0.0166	0.6018
49	0.80	0.0169	0.6188
50	0.90	0.0178	0.6366
51	1.00	0.0194	0.6560
52	1.10	0.0186	0.6746
53	1.20	0.0223	0.6969
54	1.30	0.0222	0.7191
55	1.40	0.0218	0.7409
56	1.50	0.0241	0.7649
57	1.60	0.0256	0.7905
58	1.70	0.0265	0.8170
59	1.80	0.0212	0.8382
60	1.90	0.0208	0.8590
61	2.00	0.0201	0.8791
62	2.10	0.0185	0.8976
63	2.20	0.0160	0.9136
64	2.30	0.0145	0.9280
65	2.40	0.0128	0.9408
66	2.50	0.0095	0.9503
67	2.60	0.0103	0.9606
68	2.70	0.0073	0.9679
69	2.80	0.0063	0.9742
70	2.90	0.0057	0.9798
71	3.00	0.0039	0.9837
72	3.10	0.0042	0.9880
73	3.20	0.0029	0.9909
74	3.30	0.0028	0.9936
75	3.40	0.0025	0.9961
76	3.50	0.0021	0.9983
77	3.60	0.0011	0.9994
78	3.70	0.0006	1.0000
79	3.80	0.	1.0000
80	3.90	0.	1.0000
81	4.00	0.	1.0000

STORM SURGE

MEAN 0.00 STND DEV 0.39

I	X	P(X)	F(X)
1	-4.00	0.	0.
2	-3.90	0.	0.
3	-3.80	0.	0.
4	-3.70	0.	0.
5	-3.60	0.	0.
6	-3.50	0.	0.
7	-3.40	0.	0.
8	-3.30	0.	0.
9	-3.20	0.	0.
10	-3.10	0.	0.
11	-3.00	0.	0.
12	-2.90	0.	0.
13	-2.80	0.	0.
14	-2.70	0.	0.
15	-2.60	0.	0.
16	-2.50	0.	0.
17	-2.40	0.	0.
18	-2.30	0.	0.
19	-2.20	0.	0.
20	-2.10	0.	0.
21	-2.00	0.	0.
22	-1.90	0.	0.
23	-1.80	0.	0.
24	-1.70	0.	0.
25	-1.60	0.	0.
26	-1.50	0.0002	0.0002
27	-1.40	0.0005	0.0007
28	-1.30	0.0005	0.0012
29	-1.20	0.0005	0.0017
30	-1.10	0.0012	0.0028
31	-1.00	0.0030	0.0058
32	-0.90	0.0037	0.0095
33	-0.80	0.0085	0.0180
34	-0.70	0.0142	0.0322
35	-0.60	0.0296	0.0618
36	-0.50	0.0475	0.1093
37	-0.40	0.0652	0.1745
38	-0.30	0.0810	0.2555
39	-0.20	0.0969	0.3524
40	-0.10	0.1108	0.4632
41	0.	0.1135	0.5767
42	0.10	0.1010	0.6777
43	0.20	0.0870	0.7647
44	0.30	0.0688	0.8334
45	0.40	0.0537	0.8871
46	0.50	0.0359	0.9230
47	0.60	0.0254	0.9484
48	0.70	0.0158	0.9642
49	0.80	0.0120	0.9762
50	0.90	0.0100	0.9862
51	1.00	0.0044	0.9906
52	1.10	0.0031	0.9936
53	1.20	0.0027	0.9964
54	1.30	0.0011	0.9974
55	1.40	0.0007	0.9982
56	1.50	0.0003	0.9985
57	1.60	0.0005	0.9990
58	1.70	0.0003	0.9993
59	1.80	0.0001	0.9994
60	1.90	0.0001	0.9995
61	2.00	0.0002	0.9997
62	2.10	0.0002	0.9999
63	2.20	0.0001	1.0000
64	2.30	0.	1.0000
65	2.40	0.	1.0000
66	2.50	0.	1.0000
67	2.60	0.	1.0000
68	2.70	0.	1.0000
69	2.80	0.	1.0000
70	2.90	0.	1.0000
71	3.00	0.	1.0000
72	3.10	0.	1.0000
73	3.20	0.	1.0000
74	3.30	0.	1.0000
75	3.40	0.	1.0000
76	3.50	0.	1.0000
77	3.60	0.	1.0000
78	3.70	0.	1.0000
79	3.80	0.	1.0000
80	3.90	0.	1.0000
81	4.00	0.	1.0000

TOTAL WATER LEVEL

MEAN 0.06 STND DEV 1.67

I	X	P(X)	F(X)
1	-6.00	0.	0.
2	-5.80	0.	0.
3	-5.60	0.	0.
4	-5.40	0.	0.
5	-5.20	0.	0.
6	-5.00	0.	0.
7	-4.80	0.	0.
8	-4.60	0.	0.
9	-4.40	0.	0.
10	-4.20	0.	0.
11	-4.00	0.0002	0.0002
12	-3.80	0.0004	0.0006
13	-3.60	0.0019	0.0025
14	-3.40	0.0030	0.0055
15	-3.20	0.0051	0.0106
16	-3.00	0.0078	0.0184
17	-2.80	0.0124	0.0307
18	-2.60	0.0191	0.0498
19	-2.40	0.0255	0.0754
20	-2.20	0.0316	0.1070
21	-2.00	0.0382	0.1451
22	-1.80	0.0411	0.1863
23	-1.60	0.0391	0.2254
24	-1.40	0.0383	0.2636
25	-1.20	0.0396	0.3032
26	-1.00	0.0377	0.3409
27	-0.80	0.0365	0.3774
28	-0.60	0.0332	0.4107
29	-0.40	0.0311	0.4417
30	-0.20	0.0301	0.4718
31	0.	0.0285	0.5003
32	0.20	0.0279	0.5282
33	0.40	0.0321	0.5603
34	0.60	0.0353	0.5956
35	0.80	0.0336	0.6291
36	1.00	0.0382	0.6673
37	1.20	0.0418	0.7091
38	1.40	0.0455	0.7545
39	1.60	0.0465	0.8011
40	1.80	0.0429	0.8439
41	2.00	0.0362	0.8801
42	2.20	0.0314	0.9115
43	2.40	0.0262	0.9377
44	2.60	0.0209	0.9586
45	2.80	0.0137	0.9723
46	3.00	0.0100	0.9823
47	3.20	0.0068	0.9891
48	3.40	0.0048	0.9939
49	3.60	0.0039	0.9978
50	3.80	0.0010	0.9987
51	4.00	0.0005	0.9993
52	4.20	0.0004	0.9997
53	4.40	0.0003	0.9999
54	4.60	0.0001	1.0000
55	4.80	0.	1.0000
56	5.00	0.	1.0000
57	5.20	0.	1.0000
58	5.40	0.	1.0000
59	5.60	0.	1.0000
60	5.80	0.	1.0000
61	6.00	0.	1.0000

I - INTERVAL NUMBER X - INTERVAL CENTER VALUE

P(X) - PROBABILITY MASS FUNCTION F(X) - CUMULATIVE DISTRIBUTION FUNCTION

THE BATTERY N.Y.

STATISTICS FOR AUGUST

ASTRONOMICAL TIDE				STORM SURGE				TOTAL WATER LEVEL			
MEAN 0.25		STND DEV 1.63		MEAN-0.11		STND DEV 0.29		MEAN 0.15		STND DEV 1.64	
I	X	P(X)	F(X)	I	X	P(X)	F(X)	I	X	P(X)	F(X)
1	-4.00	0.	0.	1	-4.00	0.	0.	1	-6.00	0.	0.
2	-3.90	0.	0.	2	-3.90	0.	0.	2	-5.80	0.	0.
3	-3.80	0.	0.	3	-3.80	0.	0.	3	-5.60	0.	0.
4	-3.70	0.	0.	4	-3.70	0.	0.	4	-5.40	0.	0.
5	-3.60	0.	0.	5	-3.60	0.	0.	5	-5.20	0.	0.
6	-3.50	0.	0.	6	-3.50	0.	0.	6	-5.00	0.	0.
7	-3.40	0.	0.	7	-3.40	0.	0.	7	-4.80	0.	0.
8	-3.30	0.0001	0.0001	8	-3.30	0.	0.	8	-4.60	0.	0.
9	-3.20	0.0007	0.0009	9	-3.20	0.	0.	9	-4.40	0.	0.
10	-3.10	0.0009	0.0018	10	-3.10	0.	0.	10	-4.20	0.	0.
11	-3.00	0.0015	0.0032	11	-3.00	0.	0.	11	-4.00	0.	0.
12	-2.90	0.0026	0.0059	12	-2.90	0.	0.	12	-3.80	0.0001	0.0001
13	-2.80	0.0031	0.0089	13	-2.80	0.	0.	13	-3.60	0.0004	0.0004
14	-2.70	0.0046	0.0136	14	-2.70	0.	0.	14	-3.40	0.0013	0.0017
15	-2.60	0.0053	0.0189	15	-2.60	0.	0.	15	-3.20	0.0028	0.0046
16	-2.50	0.0064	0.0253	16	-2.50	0.	0.	16	-3.00	0.0056	0.0102
17	-2.40	0.0085	0.0338	17	-2.40	0.	0.	17	-2.80	0.0089	0.0191
18	-2.30	0.0116	0.0454	18	-2.30	0.	0.	18	-2.60	0.0152	0.0343
19	-2.20	0.0118	0.0571	19	-2.20	0.	0.	19	-2.40	0.0229	0.0572
20	-2.10	0.0141	0.0712	20	-2.10	0.	0.	20	-2.20	0.0292	0.0864
21	-2.00	0.0179	0.0891	21	-2.00	0.	0.	21	-2.00	0.0373	0.1236
22	-1.90	0.0189	0.1080	22	-1.90	0.	0.	22	-1.80	0.0417	0.1654
23	-1.80	0.0206	0.1286	23	-1.80	0.	0.	23	-1.60	0.0395	0.2049
24	-1.70	0.0219	0.1505	24	-1.70	0.	0.	24	-1.40	0.0407	0.2456
25	-1.60	0.0232	0.1737	25	-1.60	0.0001	0.0001	25	-1.20	0.0436	0.2892
26	-1.50	0.0231	0.1968	26	-1.50	0.0001	0.0001	26	-1.00	0.0373	0.3265
27	-1.40	0.0214	0.2182	27	-1.40	0.	0.0001	27	-0.80	0.0366	0.3631
28	-1.30	0.0214	0.2396	28	-1.30	0.0002	0.0004	28	-0.60	0.0359	0.3990
29	-1.20	0.0213	0.2609	29	-1.20	0.0001	0.0004	29	-0.40	0.0322	0.4312
30	-1.10	0.0216	0.2825	30	-1.10	0.0006	0.0010	30	-0.20	0.0304	0.4616
31	-1.00	0.0215	0.3040	31	-1.00	0.0014	0.0024	31	0.	0.0293	0.4908
32	-0.90	0.0195	0.3235	32	-0.90	0.0037	0.0061	32	0.20	0.0298	0.5207
33	-0.80	0.0182	0.3417	33	-0.80	0.0068	0.0129	33	0.40	0.0307	0.5513
34	-0.70	0.0179	0.3596	34	-0.70	0.0144	0.0273	34	0.60	0.0308	0.5821
35	-0.60	0.0155	0.3751	35	-0.60	0.0265	0.0538	35	0.80	0.0355	0.6176
36	-0.50	0.0159	0.3911	36	-0.50	0.0508	0.1046	36	1.00	0.0366	0.6542
37	-0.40	0.0157	0.4068	37	-0.40	0.0855	0.1901	37	1.20	0.0401	0.6943
38	-0.30	0.0160	0.4228	38	-0.30	0.1154	0.3055	38	1.40	0.0420	0.7364
39	-0.20	0.0163	0.4391	39	-0.20	0.1496	0.4550	39	1.60	0.0417	0.7780
40	-0.10	0.0137	0.4528	40	-0.10	0.1478	0.6028	40	1.80	0.0392	0.8172
41	0.	0.0147	0.4675	41	0.	0.1348	0.7376	41	2.00	0.0419	0.8591
42	0.10	0.0138	0.4813	42	0.10	0.1029	0.8405	42	2.20	0.0397	0.8988
43	0.20	0.0141	0.4954	43	0.20	0.0690	0.9095	43	2.40	0.0336	0.9324
44	0.30	0.0165	0.5118	44	0.30	0.0428	0.9522	44	2.60	0.0256	0.9580
45	0.40	0.0164	0.5282	45	0.40	0.0199	0.9721	45	2.80	0.0195	0.9775
46	0.50	0.0134	0.5417	46	0.50	0.0117	0.9838	46	3.00	0.0111	0.9887
47	0.60	0.0143	0.5559	47	0.60	0.0066	0.9903	47	3.20	0.0063	0.9950
48	0.70	0.0153	0.5712	48	0.70	0.0037	0.9940	48	3.40	0.0028	0.9978
49	0.80	0.0178	0.5890	49	0.80	0.0025	0.9965	49	3.60	0.0017	0.9994
50	0.90	0.0159	0.6048	50	0.90	0.0013	0.9978	50	3.80	0.0004	0.9999
51	1.00	0.0175	0.6224	51	1.00	0.0012	0.9990	51	4.00	0.0001	1.0000
52	1.10	0.0186	0.6409	52	1.10	0.0004	0.9994	52	4.20	0.	1.0000
53	1.20	0.0202	0.6612	53	1.20	0.0004	0.9998	53	4.40	0.	1.0000
54	1.30	0.0188	0.6800	54	1.30	0.0002	1.0000	54	4.60	0.	1.0000
55	1.40	0.0207	0.7007	55	1.40	0.	1.0000	55	4.80	0.	1.0000
56	1.50	0.0188	0.7196	56	1.50	0.	1.0000	56	5.00	0.	1.0000
57	1.60	0.0221	0.7417	57	1.60	0.	1.0000	57	5.20	0.	1.0000
58	1.70	0.0214	0.7630	58	1.70	0.	1.0000	58	5.40	0.	1.0000
59	1.80	0.0208	0.7839	59	1.80	0.	1.0000	59	5.60	0.	1.0000
60	1.90	0.0223	0.8062	60	1.90	0.	1.0000	60	5.80	0.	1.0000
61	2.00	0.0216	0.8278	61	2.00	0.	1.0000	61	6.00	0.	1.0000
62	2.10	0.0223	0.8501	62	2.10	0.	1.0000				
63	2.20	0.0197	0.8698	63	2.20	0.	1.0000				
64	2.30	0.0185	0.8883	64	2.30	0.	1.0000				
65	2.40	0.0179	0.9062	65	2.40	0.	1.0000				
66	2.50	0.0159	0.9221	66	2.50	0.	1.0000				
67	2.60	0.0156	0.9377	67	2.60	0.	1.0000				
68	2.70	0.0152	0.9529	68	2.70	0.	1.0000				
69	2.80	0.0128	0.9657	69	2.80	0.	1.0000				
70	2.90	0.0100	0.9757	70	2.90	0.	1.0000				
71	3.00	0.0069	0.9825	71	3.00	0.	1.0000				
72	3.10	0.0057	0.9882	72	3.10	0.	1.0000				
73	3.20	0.0040	0.9922	73	3.20	0.	1.0000				
74	3.30	0.0028	0.9950	74	3.30	0.	1.0000				
75	3.40	0.0026	0.9975	75	3.40	0.	1.0000				
76	3.50	0.0009	0.9985	76	3.50	0.	1.0000				
77	3.60	0.0013	0.9997	77	3.60	0.	1.0000				
78	3.70	0.0003	1.0000	78	3.70	0.	1.0000				
79	3.80	0.	1.0000	79	3.80	0.	1.0000				
80	3.90	0.	1.0000	80	3.90	0.	1.0000				
81	4.00	0.	1.0000	81	4.00	0.	1.0000				

I - INTERVAL NUMBER X - INTERVAL CENTER VALUE

P(X) - PROBABILITY MASS FUNCTION F(X) - CUMULATIVE DISTRIBUTION FUNCTION

THE BATTERY N.Y.

STATISTICS FOR SEPTEMBER

ASTRONOMICAL TIDE				STORM SURGE				TOTAL WATER LEVEL			
MEAN 0.25		STND DEV 1.63		MEAN-0.08		STND DEV 0.36		MEAN 0.17		STND DEV 1.64	
I	X	P(X)	F(X)	I	X	P(X)	F(X)	I	X	P(X)	F(X)
1	-4.00	0.	0.	1	-4.00	0.	0.	1	-6.00	0.	0.
2	-3.90	0.	0.	2	-3.90	0.	0.	2	-5.80	0.	0.
3	-3.80	0.	0.	3	-3.80	0.	0.	3	-5.60	0.	0.
4	-3.70	0.	0.	4	-3.70	0.	0.	4	-5.40	0.	0.
5	-3.60	0.	0.	5	-3.60	0.	0.	5	-5.20	0.	0.
6	-3.50	0.	0.	6	-3.50	0.	0.	6	-5.00	0.	0.
7	-3.40	0.	0.	7	-3.40	0.	0.	7	-4.80	0.	0.
8	-3.30	0.	0.	8	-3.30	0.	0.	8	-4.60	0.	0.
9	-3.20	0.0005	0.0005	9	-3.20	0.	0.	9	-4.40	0.	0.
10	-3.10	0.0019	0.0024	10	-3.10	0.	0.	10	-4.20	0.	0.
11	-3.00	0.0019	0.0043	11	-3.00	0.	0.	11	-4.00	0.	0.
12	-2.90	0.0029	0.0072	12	-2.90	0.	0.	12	-3.80	0.0003	0.0003
13	-2.80	0.0034	0.0106	13	-2.80	0.	0.	13	-3.60	0.0009	0.0013
14	-2.70	0.0053	0.0159	14	-2.70	0.	0.	14	-3.40	0.0016	0.0028
15	-2.60	0.0063	0.0222	15	-2.60	0.	0.	15	-3.20	0.0043	0.0071
16	-2.50	0.0064	0.0286	16	-2.50	0.	0.	16	-3.00	0.0055	0.0126
17	-2.40	0.0097	0.0382	17	-2.40	0.	0.	17	-2.80	0.0102	0.0228
18	-2.30	0.0118	0.0500	18	-2.30	0.	0.	18	-2.60	0.0148	0.0376
19	-2.20	0.0118	0.0618	19	-2.20	0.	0.	19	-2.40	0.0202	0.0578
20	-2.10	0.0156	0.0774	20	-2.10	0.0002	0.0002	20	-2.20	0.0252	0.0829
21	-2.00	0.0156	0.0931	21	-2.00	0.	0.0002	21	-2.00	0.0314	0.1143
22	-1.90	0.0188	0.1118	22	-1.90	0.	0.0002	22	-1.80	0.0363	0.1507
23	-1.80	0.0178	0.1296	23	-1.80	0.	0.0002	23	-1.60	0.0409	0.1916
24	-1.70	0.0202	0.1498	24	-1.70	0.	0.0002	24	-1.40	0.0444	0.2360
25	-1.60	0.0208	0.1706	25	-1.60	0.	0.0002	25	-1.20	0.0410	0.2770
26	-1.50	0.0224	0.1930	26	-1.50	0.0001	0.0003	26	-1.00	0.0389	0.3159
27	-1.40	0.0195	0.2125	27	-1.40	0.0001	0.0003	27	-0.80	0.0361	0.3520
28	-1.30	0.0222	0.2347	28	-1.30	0.0004	0.0008	28	-0.60	0.0389	0.3909
29	-1.20	0.0222	0.2569	29	-1.20	0.0004	0.0012	29	-0.40	0.0317	0.4226
30	-1.10	0.0208	0.2777	30	-1.10	0.0016	0.0028	30	-0.20	0.0318	0.4543
31	-1.00	0.0222	0.2999	31	-1.00	0.0033	0.0061	31	0.	0.0318	0.4861
32	-0.90	0.0212	0.3211	32	-0.90	0.0061	0.0122	32	0.20	0.0293	0.5153
33	-0.80	0.0183	0.3394	33	-0.80	0.0096	0.0218	33	0.40	0.0312	0.5465
34	-0.70	0.0170	0.3564	34	-0.70	0.0169	0.0387	34	0.60	0.0327	0.5793
35	-0.60	0.0154	0.3718	35	-0.60	0.0305	0.0692	35	0.80	0.0354	0.6147
36	-0.50	0.0171	0.3889	36	-0.50	0.0527	0.1219	36	1.00	0.0368	0.6515
37	-0.40	0.0168	0.4057	37	-0.40	0.0755	0.1974	37	1.20	0.0408	0.6923
38	-0.30	0.0162	0.4219	38	-0.30	0.1127	0.3101	38	1.40	0.0420	0.7343
39	-0.20	0.0163	0.4382	39	-0.20	0.1305	0.4406	39	1.60	0.0427	0.7769
40	-0.10	0.0134	0.4515	40	-0.10	0.1416	0.5822	40	1.80	0.0390	0.8159
41	0.	0.0137	0.4653	41	0.	0.1199	0.7021	41	2.00	0.0416	0.8575
42	0.10	0.0165	0.4817	42	0.10	0.0925	0.7946	42	2.20	0.0395	0.8970
43	0.20	0.0150	0.4967	43	0.20	0.0688	0.8634	43	2.40	0.0322	0.9292
44	0.30	0.0144	0.5111	44	0.30	0.0423	0.9057	44	2.60	0.0264	0.9556
45	0.40	0.0162	0.5273	45	0.40	0.0295	0.9352	45	2.80	0.0173	0.9729
46	0.50	0.0138	0.5412	46	0.50	0.0188	0.9540	46	3.00	0.0123	0.9853
47	0.60	0.0148	0.5560	47	0.60	0.0163	0.9703	47	3.20	0.0074	0.9927
48	0.70	0.0171	0.5731	48	0.70	0.0088	0.9791	48	3.40	0.0038	0.9964
49	0.80	0.0151	0.5882	49	0.80	0.0061	0.9852	49	3.60	0.0017	0.9981
50	0.90	0.0167	0.6050	50	0.90	0.0038	0.9889	50	3.80	0.0008	0.9988
51	1.00	0.0186	0.6236	51	1.00	0.0029	0.9918	51	4.00	0.0008	0.9996
52	1.10	0.0180	0.6416	52	1.10	0.0022	0.9940	52	4.20	0.0003	0.9999
53	1.20	0.0185	0.6601	53	1.20	0.0010	0.9950	53	4.40	0.	0.9999
54	1.30	0.0209	0.6810	54	1.30	0.0010	0.9960	54	4.60	0.0001	1.0000
55	1.40	0.0224	0.7034	55	1.40	0.0006	0.9966	55	4.80	0.	1.0000
56	1.50	0.0196	0.7230	56	1.50	0.0009	0.9975	56	5.00	0.	1.0000
57	1.60	0.0194	0.7424	57	1.60	0.0003	0.9980	57	5.20	0.	1.0000
58	1.70	0.0205	0.7629	58	1.70	0.0003	0.9983	58	5.40	0.	1.0000
59	1.80	0.0203	0.7832	59	1.80	0.0005	0.9988	59	5.60	0.	1.0000
60	1.90	0.0226	0.8058	60	1.90	0.0006	0.9993	60	5.80	0.	1.0000
61	2.00	0.0212	0.8270	61	2.00	0.0003	0.9996	61	6.00	0.	1.0000
62	2.10	0.0200	0.8470	62	2.10	0.0002	0.9998				
63	2.20	0.0214	0.8684	63	2.20	0.0002	0.9999				
64	2.30	0.0199	0.8882	64	2.30	0.0001	1.0000				
65	2.40	0.0196	0.9078	65	2.40	0.	1.0000				
66	2.50	0.0177	0.9255	66	2.50	0.	1.0000				
67	2.60	0.0162	0.9417	67	2.60	0.	1.0000				
68	2.70	0.0127	0.9544	68	2.70	0.	1.0000				
69	2.80	0.0115	0.9659	69	2.80	0.	1.0000				
70	2.90	0.0078	0.9736	70	2.90	0.	1.0000				
71	3.00	0.0079	0.9815	71	3.00	0.	1.0000				
72	3.10	0.0056	0.9871	72	3.10	0.	1.0000				
73	3.20	0.0051	0.9922	73	3.20	0.	1.0000				
74	3.30	0.0029	0.9950	74	3.30	0.	1.0000				
75	3.40	0.0029	0.9980	75	3.40	0.	1.0000				
76	3.50	0.0015	0.9995	76	3.50	0.	1.0000				
77	3.60	0.0003	0.9998	77	3.60	0.	1.0000				
78	3.70	0.0002	1.0000	78	3.70	0.	1.0000				
79	3.80	0.	1.0000	79	3.80	0.	1.0000				
80	3.90	0.	1.0000	80	3.90	0.	1.0000				
81	4.00	0.	1.0000	81	4.00	0.	1.0000				

I - INTERVAL NUMBER X - INTERVAL CENTER VALUE

P(X) - PROBABILITY MASS FUNCTION F(X) - CUMULATIVE DISTRIBUTION FUNCTION

THE BATTERY N.Y.

STATISTICS FOR OCTOBER

ASTRONOMICAL TIDE

MEAN 0.15 STND DEV 1.64

I	X	P(X)	F(X)
1	-4.00	0.	0.
2	-3.90	0.	0.
3	-3.80	0.	0.
4	-3.70	0.	0.
5	-3.60	0.	0.
6	-3.50	0.	0.
7	-3.40	0.	0.
8	-3.30	0.0001	0.0001
9	-3.20	0.0014	0.0015
10	-3.10	0.0021	0.0035
11	-3.00	0.0035	0.0071
12	-2.90	0.0045	0.0116
13	-2.80	0.0057	0.0173
14	-2.70	0.0064	0.0237
15	-2.60	0.0071	0.0308
16	-2.50	0.0096	0.0404
17	-2.40	0.0127	0.0531
18	-2.30	0.0143	0.0674
19	-2.20	0.0155	0.0828
20	-2.10	0.0158	0.0986
21	-2.00	0.0172	0.1158
22	-1.90	0.0193	0.1351
23	-1.80	0.0185	0.1536
24	-1.70	0.0207	0.1743
25	-1.60	0.0186	0.1929
26	-1.50	0.0212	0.2141
27	-1.40	0.0228	0.2369
28	-1.30	0.0231	0.2600
29	-1.20	0.0198	0.2798
30	-1.10	0.0214	0.3012
31	-1.00	0.0195	0.3207
32	-0.90	0.0189	0.3396
33	-0.80	0.0174	0.3570
34	-0.70	0.0170	0.3739
35	-0.60	0.0169	0.3909
36	-0.50	0.0158	0.4066
37	-0.40	0.0157	0.4223
38	-0.30	0.0154	0.4378
39	-0.20	0.0142	0.4519
40	-0.10	0.0143	0.4662
41	0.	0.0154	0.4815
42	0.10	0.0145	0.4960
43	0.20	0.0160	0.5120
44	0.30	0.0142	0.5262
45	0.40	0.0163	0.5425
46	0.50	0.0139	0.5565
47	0.60	0.0165	0.5729
48	0.70	0.0154	0.5883
49	0.80	0.0163	0.6046
50	0.90	0.0173	0.6219
51	1.00	0.0197	0.6416
52	1.10	0.0208	0.6624
53	1.20	0.0198	0.6822
54	1.30	0.0175	0.6997
55	1.40	0.0207	0.7204
56	1.50	0.0239	0.7443
57	1.60	0.0207	0.7650
58	1.70	0.0218	0.7868
59	1.80	0.0216	0.8084
60	1.90	0.0221	0.8304
61	2.00	0.0207	0.8512
62	2.10	0.0210	0.8722
63	2.20	0.0192	0.8913
64	2.30	0.0176	0.9090
65	2.40	0.0164	0.9254
66	2.50	0.0157	0.9411
67	2.60	0.0124	0.9535
68	2.70	0.0100	0.9634
69	2.80	0.0079	0.9714
70	2.90	0.0071	0.9784
71	3.00	0.0059	0.9844
72	3.10	0.0042	0.9885
73	3.20	0.0036	0.9922
74	3.30	0.0026	0.9947
75	3.40	0.0023	0.9970
76	3.50	0.0013	0.9983
77	3.60	0.0013	0.9996
78	3.70	0.0004	1.0000
79	3.80	0.	1.0000
80	3.90	0.	1.0000
81	4.00	0.	1.0000

STORM SURGE

MEAN 0.01 STND DEV 0.57

I	X	P(X)	F(X)
1	-4.00	0.	0.
2	-3.90	0.	0.
3	-3.80	0.	0.
4	-3.70	0.	0.
5	-3.60	0.	0.
6	-3.50	0.	0.
7	-3.40	0.	0.
8	-3.30	0.	0.
9	-3.20	0.	0.
10	-3.10	0.	0.
11	-3.00	0.	0.
12	-2.90	0.	0.
13	-2.80	0.	0.
14	-2.70	0.	0.
15	-2.60	0.	0.
16	-2.50	0.	0.
17	-2.40	0.0001	0.0001
18	-2.30	0.0001	0.0002
19	-2.20	0.0002	0.0004
20	-2.10	0.0003	0.0007
21	-2.00	0.0002	0.0009
22	-1.90	0.0005	0.0014
23	-1.80	0.0006	0.0020
24	-1.70	0.0017	0.0036
25	-1.60	0.0016	0.0052
26	-1.50	0.0013	0.0064
27	-1.40	0.0023	0.0088
28	-1.30	0.0030	0.0118
29	-1.20	0.0044	0.0161
30	-1.10	0.0040	0.0201
31	-1.00	0.0077	0.0278
32	-0.90	0.0130	0.0408
33	-0.80	0.0145	0.0553
34	-0.70	0.0256	0.0809
35	-0.60	0.0387	0.1195
36	-0.50	0.0520	0.1715
37	-0.40	0.0675	0.2390
38	-0.30	0.0775	0.3165
39	-0.20	0.0860	0.4024
40	-0.10	0.0919	0.4943
41	0.	0.0871	0.5814
42	0.10	0.0752	0.6566
43	0.20	0.0631	0.7197
44	0.30	0.0516	0.7712
45	0.40	0.0477	0.8189
46	0.50	0.0369	0.8557
47	0.60	0.0299	0.8856
48	0.70	0.0227	0.9084
49	0.80	0.0175	0.9259
50	0.90	0.0151	0.9410
51	1.00	0.0130	0.9541
52	1.10	0.0088	0.9628
53	1.20	0.0076	0.9704
54	1.30	0.0055	0.9759
55	1.40	0.0050	0.9809
56	1.50	0.0044	0.9852
57	1.60	0.0026	0.9879
58	1.70	0.0020	0.9898
59	1.80	0.0022	0.9920
60	1.90	0.0016	0.9936
61	2.00	0.0008	0.9944
62	2.10	0.0011	0.9955
63	2.20	0.0009	0.9964
64	2.30	0.0010	0.9974
65	2.40	0.0005	0.9978
66	2.50	0.0002	0.9980
67	2.60	0.0004	0.9984
68	2.70	0.0003	0.9986
69	2.80	0.0005	0.9992
70	2.90	0.0002	0.9993
71	3.00	0.0002	0.9995
72	3.10	0.0001	0.9996
73	3.20	0.0001	0.9996
74	3.30	0.0001	0.9997
75	3.40	0.	0.9997
76	3.50	0.0002	0.9998
77	3.60	0.	0.9998
78	3.70	0.	0.9998
79	3.80	0.0001	0.9999
80	3.90	0.0001	1.0000
81	4.00	0.	1.0000

TOTAL WATER LEVEL

MEAN 0.17 STND DEV 1.70

I	X	P(X)	F(X)
1	-6.00	0.	0.
2	-5.80	0.	0.
3	-5.60	0.	0.
4	-5.40	0.	0.
5	-5.20	0.	0.
6	-5.00	0.	0.
7	-4.80	0.	0.
8	-4.60	0.	0.
9	-4.40	0.0002	0.0002
10	-4.20	0.0003	0.0005
11	-4.00	0.0003	0.0008
12	-3.80	0.0009	0.0017
13	-3.60	0.0014	0.0031
14	-3.40	0.0031	0.0061
15	-3.20	0.0044	0.0106
16	-3.00	0.0088	0.0194
17	-2.80	0.0115	0.0310
18	-2.60	0.0175	0.0485
19	-2.40	0.0208	0.0693
20	-2.20	0.0283	0.0976
21	-2.00	0.0310	0.1286
22	-1.80	0.0349	0.1635
23	-1.60	0.0390	0.2026
24	-1.40	0.0380	0.2406
25	-1.20	0.0386	0.2792
26	-1.00	0.0383	0.3175
27	-0.80	0.0361	0.3536
28	-0.60	0.0352	0.3888
29	-0.40	0.0331	0.4219
30	-0.20	0.0324	0.4543
31	0.	0.0318	0.4861
32	0.20	0.0347	0.5208
33	0.40	0.0303	0.5510
34	0.60	0.0350	0.5860
35	0.80	0.0331	0.6192
36	1.00	0.0390	0.6581
37	1.20	0.0408	0.6989
38	1.40	0.0383	0.7372
39	1.60	0.0399	0.7771
40	1.80	0.0421	0.8192
41	2.00	0.0362	0.8554
42	2.20	0.0319	0.8874
43	2.40	0.0271	0.9144
44	2.60	0.0232	0.9376
45	2.80	0.0206	0.9582
46	3.00	0.0124	0.9706
47	3.20	0.0104	0.9810
48	3.40	0.0065	0.9875
49	3.60	0.0051	0.9926
50	3.80	0.0026	0.9951
51	4.00	0.0014	0.9966
52	4.20	0.0009	0.9975
53	4.40	0.0009	0.9984
54	4.60	0.0008	0.9991
55	4.80	0.0003	0.9994
56	5.00	0.0003	0.9997
57	5.20	0.0002	0.9998
58	5.40	0.0001	0.9999
59	5.60	0.0001	1.0000
60	5.80	0.	1.0000
61	6.00	0.	1.0000

I - INTERVAL NUMBER X - INTERVAL CENTER VALUE

P(X) - PROBABILITY MASS FUNCTION F(X) - CUMULATIVE DISTRIBUTION FUNCTION

THE BATTERY N.Y.

STATISTICS FOR NOVEMBER

ASTRONOMICAL TIDE				STORM SURGE				TOTAL WATER LEVEL			
MEAN-0.04 STND DEV 1.64				MEAN 0.06 STND DEV 0.67				MEAN 0.02 STND DEV 1.75			
I	X	P(X)	F(X)	I	X	P(X)	F(X)	I	X	P(X)	F(X)
1	-4.00	0.	0.	1	-4.00	0.	0.	1	-6.00	0.	0.
2	-3.90	0.	0.	2	-3.90	0.	0.	2	-5.80	0.	0.
3	-3.80	0.	0.	3	-3.80	0.	0.	3	-5.60	0.0001	0.0001
4	-3.70	0.	0.	4	-3.70	0.	0.	4	-5.40	0.	0.0001
5	-3.60	0.	0.	5	-3.60	0.	0.	5	-5.20	0.0002	0.0003
6	-3.50	0.0001	0.0001	6	-3.50	0.	0.	6	-5.00	0.0001	0.0004
7	-3.40	0.0005	0.0005	7	-3.40	0.	0.	7	-4.80	0.0005	0.0009
8	-3.30	0.0009	0.0015	8	-3.30	0.0002	0.0002	8	-4.60	0.0003	0.0012
9	-3.20	0.0029	0.0044	9	-3.20	0.0001	0.0003	9	-4.40	0.0004	0.0016
10	-3.10	0.0050	0.0094	10	-3.10	0.0002	0.0005	10	-4.20	0.0008	0.0023
11	-3.00	0.0053	0.0147	11	-3.00	0.	0.0005	11	-4.00	0.0017	0.0040
12	-2.90	0.0055	0.0201	12	-2.90	0.0001	0.0005	12	-3.80	0.0026	0.0067
13	-2.80	0.0078	0.0279	13	-2.80	0.0001	0.0006	13	-3.60	0.0034	0.0101
14	-2.70	0.0076	0.0356	14	-2.70	0.0003	0.0009	14	-3.40	0.0047	0.0149
15	-2.60	0.0120	0.0476	15	-2.60	0.0002	0.0011	15	-3.20	0.0083	0.0232
16	-2.50	0.0134	0.0610	16	-2.50	0.0006	0.0017	16	-3.00	0.0121	0.0353
17	-2.40	0.0153	0.0763	17	-2.40	0.0008	0.0025	17	-2.80	0.0157	0.0510
18	-2.30	0.0171	0.0934	18	-2.30	0.0012	0.0037	18	-2.60	0.0208	0.0718
19	-2.20	0.0191	0.1126	19	-2.20	0.0005	0.0042	19	-2.40	0.0264	0.0982
20	-2.10	0.0203	0.1329	20	-2.10	0.0012	0.0054	20	-2.20	0.0285	0.1267
21	-2.00	0.0178	0.1506	21	-2.00	0.0013	0.0067	21	-2.00	0.0324	0.1591
22	-1.90	0.0228	0.1734	22	-1.90	0.0013	0.0080	22	-1.80	0.0364	0.1955
23	-1.80	0.0211	0.1945	23	-1.80	0.0017	0.0097	23	-1.60	0.0361	0.2316
24	-1.70	0.0235	0.2181	24	-1.70	0.0020	0.0117	24	-1.40	0.0376	0.2692
25	-1.60	0.0211	0.2392	25	-1.60	0.0026	0.0143	25	-1.20	0.0373	0.3065
26	-1.50	0.0221	0.2613	26	-1.50	0.0038	0.0181	26	-1.00	0.0368	0.3433
27	-1.40	0.0204	0.2816	27	-1.40	0.0047	0.0228	27	-0.80	0.0357	0.3790
28	-1.30	0.0196	0.3012	28	-1.30	0.0068	0.0296	28	-0.60	0.0358	0.4148
29	-1.20	0.0194	0.3207	29	-1.20	0.0074	0.0370	29	-0.40	0.0301	0.4449
30	-1.10	0.0184	0.3390	30	-1.10	0.0102	0.0472	30	-0.20	0.0325	0.4774
31	-1.00	0.0178	0.3569	31	-1.00	0.0124	0.0596	31	0.	0.0324	0.5098
32	-0.90	0.0167	0.3735	32	-0.90	0.0141	0.0736	32	0.20	0.0331	0.5429
33	-0.80	0.0181	0.3916	33	-0.80	0.0178	0.0914	33	0.40	0.0341	0.5770
34	-0.70	0.0153	0.4069	34	-0.70	0.0210	0.1124	34	0.60	0.0347	0.6116
35	-0.60	0.0145	0.4214	35	-0.60	0.0311	0.1435	35	0.80	0.0341	0.6458
36	-0.50	0.0147	0.4361	36	-0.50	0.0366	0.1801	36	1.00	0.0382	0.6839
37	-0.40	0.0151	0.4512	37	-0.40	0.0461	0.2262	37	1.20	0.0378	0.7217
38	-0.30	0.0150	0.4661	38	-0.30	0.0553	0.2815	38	1.40	0.0402	0.7619
39	-0.20	0.0140	0.4801	39	-0.20	0.0653	0.3468	39	1.60	0.0405	0.8024
40	-0.10	0.0148	0.4949	40	-0.10	0.0718	0.4186	40	1.80	0.0370	0.8394
41	0.	0.0146	0.5095	41	0.	0.0789	0.4975	41	2.00	0.0345	0.8739
42	0.10	0.0159	0.5254	42	0.10	0.0769	0.5744	42	2.20	0.0288	0.9028
43	0.20	0.0142	0.5396	43	0.20	0.0690	0.6434	43	2.40	0.0271	0.9298
44	0.30	0.0161	0.5557	44	0.30	0.0646	0.7080	44	2.60	0.0191	0.9488
45	0.40	0.0147	0.5705	45	0.40	0.0575	0.7656	45	2.80	0.0136	0.9624
46	0.50	0.0140	0.5844	46	0.50	0.0520	0.8176	46	3.00	0.0124	0.9749
47	0.60	0.0169	0.6013	47	0.60	0.0386	0.8562	47	3.20	0.0078	0.9827
48	0.70	0.0171	0.6184	48	0.70	0.0331	0.8893	48	3.40	0.0059	0.9886
49	0.80	0.0191	0.6376	49	0.80	0.0214	0.9107	49	3.60	0.0040	0.9926
50	0.90	0.0185	0.6561	50	0.90	0.0168	0.9275	50	3.80	0.0026	0.9952
51	1.00	0.0194	0.6755	51	1.00	0.0156	0.9430	51	4.00	0.0013	0.9965
52	1.10	0.0211	0.6966	52	1.10	0.0123	0.9553	52	4.20	0.0009	0.9974
53	1.20	0.0238	0.7204	53	1.20	0.0086	0.9638	53	4.40	0.0005	0.9979
54	1.30	0.0222	0.7426	54	1.30	0.0070	0.9708	54	4.60	0.0005	0.9985
55	1.40	0.0240	0.7666	55	1.40	0.0068	0.9776	55	4.80	0.0002	0.9986
56	1.50	0.0227	0.7893	56	1.50	0.0054	0.9831	56	5.00	0.0002	0.9988
57	1.60	0.0229	0.8122	57	1.60	0.0033	0.9863	57	5.20	0.0002	0.9990
58	1.70	0.0225	0.8347	58	1.70	0.0033	0.9896	58	5.40	0.0001	0.9991
59	1.80	0.0220	0.8567	59	1.80	0.0021	0.9917	59	5.60	0.0001	0.9991
60	1.90	0.0205	0.8772	60	1.90	0.0012	0.9928	60	5.80	0.0001	0.9992
61	2.00	0.0194	0.8966	61	2.00	0.0009	0.9938	61	6.00	0.0003	0.9995
62	2.10	0.0157	0.9123	62	2.10	0.0006	0.9944				
63	2.20	0.0154	0.9276	63	2.20	0.0005	0.9950				
64	2.30	0.0128	0.9404	64	2.30	0.0004	0.9953				
65	2.40	0.0099	0.9503	65	2.40	0.0004	0.9957				
66	2.50	0.0098	0.9601	66	2.50	0.0003	0.9960				
67	2.60	0.0076	0.9677	67	2.60	0.0003	0.9964				
68	2.70	0.0066	0.9743	68	2.70	0.0002	0.9965				
69	2.80	0.0053	0.9796	69	2.80	0.0004	0.9969				
70	2.90	0.0036	0.9833	70	2.90	0.	0.9969				
71	3.00	0.0038	0.9870	71	3.00	0.0004	0.9973				
72	3.10	0.0035	0.9905	72	3.10	0.0002	0.9974				
73	3.20	0.0024	0.9929	73	3.20	0.0003	0.9978				
74	3.30	0.0025	0.9954	74	3.30	0.	0.9978				
75	3.40	0.0022	0.9976	75	3.40	0.0001	0.9978				
76	3.50	0.0014	0.9990	76	3.50	0.0002	0.9980				
77	3.60	0.0009	0.9998	77	3.60	0.	0.9980				
78	3.70	0.0002	1.0000	78	3.70	0.	0.9980				
79	3.80	0.	1.0000	79	3.80	0.0002	0.9982				
80	3.90	0.	1.0000	80	3.90	0.	0.9982				
81	4.00	0.	1.0000	81	4.00	0.0002	0.9984				

I - INTERVAL NUMBER X - INTERVAL CENTER VALUE

P(X) - PROBABILITY MASS FUNCTION F(X) - CUMULATIVE DISTRIBUTION FUNCTION

THE BATTERY N.Y.

STATISTICS FOR DECEMBER

ASTRONOMICAL TIDE

MEAN-0.23 STND DEV 1.63

I	X	P(X)	F(X)
1	-4.00	0.	0.
2	-3.90	0.	0.
3	-3.80	0.	0.
4	-3.70	0.	0.
5	-3.60	0.0004	0.0004
6	-3.50	0.0009	0.0013
7	-3.40	0.0014	0.0027
8	-3.30	0.0030	0.0057
9	-3.20	0.0032	0.0089
10	-3.10	0.0059	0.0148
11	-3.00	0.0061	0.0209
12	-2.90	0.0077	0.0285
13	-2.80	0.0096	0.0381
14	-2.70	0.0132	0.0513
15	-2.60	0.0165	0.0678
16	-2.50	0.0172	0.0850
17	-2.40	0.0191	0.1041
18	-2.30	0.0209	0.1250
19	-2.20	0.0221	0.1471
20	-2.10	0.0225	0.1696
21	-2.00	0.0226	0.1922
22	-1.90	0.0232	0.2155
23	-1.80	0.0227	0.2381
24	-1.70	0.0210	0.2591
25	-1.60	0.0213	0.2804
26	-1.50	0.0202	0.3005
27	-1.40	0.0204	0.3209
28	-1.30	0.0177	0.3386
29	-1.20	0.0173	0.3560
30	-1.10	0.0158	0.3718
31	-1.00	0.0176	0.3893
32	-0.90	0.0157	0.4050
33	-0.80	0.0141	0.4190
34	-0.70	0.0171	0.4361
35	-0.60	0.0139	0.4500
36	-0.50	0.0145	0.4645
37	-0.40	0.0147	0.4792
38	-0.30	0.0137	0.4929
39	-0.20	0.0166	0.5095
40	-0.10	0.0146	0.5240
41	0.	0.0127	0.5367
42	0.10	0.0149	0.5516
43	0.20	0.0161	0.5676
44	0.30	0.0151	0.5827
45	0.40	0.0194	0.6021
46	0.50	0.0157	0.6178
47	0.60	0.0178	0.6356
48	0.70	0.0161	0.6517
49	0.80	0.0175	0.6692
50	0.90	0.0210	0.6902
51	1.00	0.0243	0.7144
52	1.10	0.0240	0.7384
53	1.20	0.0250	0.7634
54	1.30	0.0273	0.7906
55	1.40	0.0250	0.8156
56	1.50	0.0236	0.8392
57	1.60	0.0199	0.8590
58	1.70	0.0199	0.8790
59	1.80	0.0172	0.8961
60	1.90	0.0164	0.9125
61	2.00	0.0140	0.9265
62	2.10	0.0123	0.9388
63	2.20	0.0115	0.9504
64	2.30	0.0093	0.9597
65	2.40	0.0074	0.9671
66	2.50	0.0072	0.9743
67	2.60	0.0047	0.9791
68	2.70	0.0048	0.9839
69	2.80	0.0037	0.9876
70	2.90	0.0032	0.9908
71	3.00	0.0031	0.9939
72	3.10	0.0026	0.9965
73	3.20	0.0013	0.9978
74	3.30	0.0014	0.9992
75	3.40	0.0006	0.9998
76	3.50	0.0001	0.9999
77	3.60	0.0001	1.0000
78	3.70	0.	1.0000
79	3.80	0.	1.0000
80	3.90	0.	1.0000
81	4.00	0.	1.0000

STORM SURGE

MEAN-0.04 STND DEV 0.75

I	X	P(X)	F(X)
1	-4.00	0.0002	0.0004
2	-3.90	0.0001	0.0005
3	-3.80	0.	0.0005
4	-3.70	0.0002	0.0006
5	-3.60	0.0001	0.0007
6	-3.50	0.0002	0.0009
7	-3.40	0.0001	0.0010
8	-3.30	0.0001	0.0010
9	-3.20	0.0002	0.0012
10	-3.10	0.	0.0012
11	-3.00	0.0002	0.0014
12	-2.90	0.0002	0.0016
13	-2.80	0.0002	0.0017
14	-2.70	0.0006	0.0024
15	-2.60	0.0007	0.0031
16	-2.50	0.0009	0.0040
17	-2.40	0.0006	0.0046
18	-2.30	0.0013	0.0059
19	-2.20	0.0014	0.0073
20	-2.10	0.0021	0.0093
21	-2.00	0.0021	0.0114
22	-1.90	0.0024	0.0138
23	-1.80	0.0043	0.0181
24	-1.70	0.0046	0.0227
25	-1.60	0.0052	0.0279
26	-1.50	0.0059	0.0338
27	-1.40	0.0088	0.0425
28	-1.30	0.0101	0.0526
29	-1.20	0.0141	0.0667
30	-1.10	0.0155	0.0822
31	-1.00	0.0161	0.0983
32	-0.90	0.0236	0.1219
33	-0.80	0.0280	0.1500
34	-0.70	0.0319	0.1819
35	-0.60	0.0371	0.2190
36	-0.50	0.0393	0.2582
37	-0.40	0.0464	0.3047
38	-0.30	0.0562	0.3608
39	-0.20	0.0604	0.4213
40	-0.10	0.0637	0.4850
41	0.	0.0641	0.5490
42	0.10	0.0644	0.6134
43	0.20	0.0608	0.6743
44	0.30	0.0541	0.7284
45	0.40	0.0501	0.7784
46	0.50	0.0417	0.8201
47	0.60	0.0341	0.8542
48	0.70	0.0289	0.8831
49	0.80	0.0223	0.9054
50	0.90	0.0177	0.9231
51	1.00	0.0130	0.9361
52	1.10	0.0139	0.9500
53	1.20	0.0086	0.9587
54	1.30	0.0080	0.9667
55	1.40	0.0061	0.9728
56	1.50	0.0040	0.9767
57	1.60	0.0038	0.9805
58	1.70	0.0041	0.9846
59	1.80	0.0043	0.9889
60	1.90	0.0028	0.9917
61	2.00	0.0012	0.9929
62	2.10	0.0018	0.9947
63	2.20	0.0013	0.9960
64	2.30	0.0011	0.9971
65	2.40	0.0013	0.9983
66	2.50	0.0005	0.9988
67	2.60	0.0005	0.9993
68	2.70	0.0002	0.9994
69	2.80	0.0002	0.9996
70	2.90	0.0001	0.9997
71	3.00	0.0002	0.9998
72	3.10	0.0001	0.9999
73	3.20	0.	0.9999
74	3.30	0.0001	1.0000
75	3.40	0.	1.0000
76	3.50	0.	1.0000
77	3.60	0.	1.0000
78	3.70	0.	1.0000
79	3.80	0.	1.0000
80	3.90	0.	1.0000
81	4.00	0.	1.0000

TOTAL WATER LEVEL

MEAN-0.27 STND DEV 1.76

I	X	P(X)	F(X)
1	-6.00	0.	0.
2	-5.80	0.	0.
3	-5.60	0.0002	0.0002
4	-5.40	0.0002	0.0004
5	-5.20	0.0001	0.0005
6	-5.00	0.0006	0.0010
7	-4.80	0.0004	0.0014
8	-4.60	0.0007	0.0021
9	-4.40	0.0017	0.0038
10	-4.20	0.0023	0.0061
11	-4.00	0.0037	0.0098
12	-3.80	0.0053	0.0151
13	-3.60	0.0063	0.0214
14	-3.40	0.0115	0.0329
15	-3.20	0.0135	0.0463
16	-3.00	0.0178	0.0642
17	-2.80	0.0208	0.0850
18	-2.60	0.0257	0.1107
19	-2.40	0.0296	0.1402
20	-2.20	0.0328	0.1730
21	-2.00	0.0351	0.2081
22	-1.80	0.0382	0.2463
23	-1.60	0.0371	0.2833
24	-1.40	0.0372	0.3206
25	-1.20	0.0356	0.3562
26	-1.00	0.0354	0.3916
27	-0.80	0.0349	0.4265
28	-0.60	0.0347	0.4612
29	-0.40	0.0303	0.4914
30	-0.20	0.0332	0.5246
31	0.	0.0318	0.5563
32	0.20	0.0365	0.5930
33	0.40	0.0369	0.6299
34	0.60	0.0327	0.6626
35	0.80	0.0383	0.7009
36	1.00	0.0397	0.7406
37	1.20	0.0386	0.7792
38	1.40	0.0390	0.8181
39	1.60	0.0340	0.8521
40	1.80	0.0318	0.8840
41	2.00	0.0298	0.9137
42	2.20	0.0216	0.9353
43	2.40	0.0171	0.9524
44	2.60	0.0141	0.9665
45	2.80	0.0110	0.9775
46	3.00	0.0064	0.9839
47	3.20	0.0057	0.9896
48	3.40	0.0043	0.9939
49	3.60	0.0021	0.9960
50	3.80	0.0016	0.9976
51	4.00	0.0010	0.9986
52	4.20	0.0005	0.9990
53	4.40	0.0004	0.9994
54	4.60	0.0002	0.9997
55	4.80	0.0001	0.9998
56	5.00	0.0001	0.9998
57	5.20	0.0001	0.9999
58	5.40	0.0001	1.0000
59	5.60	0.	1.0000
60	5.80	0.	1.0000
61	6.00	0.	1.0000

I - INTERVAL NUMBER X - INTERVAL CENTER VALUE

P(X) - PROBABILITY MASS FUNCTION F(X) - CUMULATIVE DISTRIBUTION FUNCTION

SANDY HOOK N.J.

YEARLY STATISTICS

ASTRONOMICAL TIDE

MEAN 0.00 STND DEV 1.69

I	X	P(X)	F(X)
1	-4.00	0.	0.0002
2	-3.90	0.0000	0.0002
3	-3.80	0.0001	0.0003
4	-3.70	0.0002	0.0004
5	-3.60	0.0003	0.0008
6	-3.50	0.0008	0.0015
7	-3.40	0.0013	0.0028
8	-3.30	0.0017	0.0045
9	-3.20	0.0028	0.0073
10	-3.10	0.0037	0.0109
11	-3.00	0.0047	0.0157
12	-2.90	0.0059	0.0215
13	-2.80	0.0068	0.0283
14	-2.70	0.0093	0.0376
15	-2.60	0.0105	0.0481
16	-2.50	0.0125	0.0606
17	-2.40	0.0149	0.0755
18	-2.30	0.0169	0.0923
19	-2.20	0.0186	0.1109
20	-2.10	0.0195	0.1304
21	-2.00	0.0205	0.1509
22	-1.90	0.0212	0.1721
23	-1.80	0.0224	0.1946
24	-1.70	0.0217	0.2163
25	-1.60	0.0218	0.2381
26	-1.50	0.0212	0.2593
27	-1.40	0.0202	0.2795
28	-1.30	0.0201	0.2996
29	-1.20	0.0192	0.3188
30	-1.10	0.0184	0.3372
31	-1.00	0.0171	0.3543
32	-0.90	0.0169	0.3712
33	-0.80	0.0162	0.3874
34	-0.70	0.0160	0.4034
35	-0.60	0.0155	0.4188
36	-0.50	0.0155	0.4344
37	-0.40	0.0150	0.4493
38	-0.30	0.0150	0.4643
39	-0.20	0.0148	0.4791
40	-0.10	0.0155	0.4946
41	0.	0.0147	0.5093
42	0.10	0.0149	0.5241
43	0.20	0.0151	0.5392
44	0.30	0.0151	0.5543
45	0.40	0.0150	0.5693
46	0.50	0.0156	0.5849
47	0.60	0.0157	0.6006
48	0.70	0.0159	0.6165
49	0.80	0.0171	0.6336
50	0.90	0.0165	0.6501
51	1.00	0.0180	0.6681
52	1.10	0.0182	0.6863
53	1.20	0.0190	0.7053
54	1.30	0.0204	0.7257
55	1.40	0.0204	0.7462
56	1.50	0.0206	0.7668
57	1.60	0.0213	0.7881
58	1.70	0.0204	0.8085
59	1.80	0.0205	0.8290
60	1.90	0.0196	0.8485
61	2.00	0.0183	0.8668
62	2.10	0.0174	0.8843
63	2.20	0.0171	0.9014
64	2.30	0.0151	0.9165
65	2.40	0.0134	0.9299
66	2.50	0.0119	0.9418
67	2.60	0.0109	0.9526
68	2.70	0.0093	0.9620
69	2.80	0.0080	0.9699
70	2.90	0.0067	0.9766
71	3.00	0.0054	0.9820
72	3.10	0.0043	0.9863
73	3.20	0.0036	0.9899
74	3.30	0.0027	0.9926
75	3.40	0.0023	0.9949
76	3.50	0.0018	0.9967
77	3.60	0.0014	0.9980
78	3.70	0.0011	0.9991
79	3.80	0.0006	0.9997
80	3.90	0.0004	1.0001
81	4.00	0.0001	1.0002

STORM SURGE

MEAN-0.00 STND DEV 0.56

I	X	P(X)	F(X)
1	-4.00	0.	0.0002
2	-3.90	0.	0.0002
3	-3.80	0.0000	0.0002
4	-3.70	0.0000	0.0002
5	-3.60	0.0000	0.0003
6	-3.50	0.0000	0.0003
7	-3.40	0.0000	0.0003
8	-3.30	0.0001	0.0003
9	-3.20	0.0001	0.0004
10	-3.10	0.0001	0.0005
11	-3.00	0.0001	0.0005
12	-2.90	0.0001	0.0006
13	-2.80	0.0001	0.0007
14	-2.70	0.0002	0.0009
15	-2.60	0.0002	0.0011
16	-2.50	0.0002	0.0013
17	-2.40	0.0004	0.0017
18	-2.30	0.0004	0.0021
19	-2.20	0.0005	0.0026
20	-2.10	0.0006	0.0032
21	-2.00	0.0008	0.0040
22	-1.90	0.0009	0.0048
23	-1.80	0.0011	0.0059
24	-1.70	0.0015	0.0074
25	-1.60	0.0018	0.0093
26	-1.50	0.0021	0.0113
27	-1.40	0.0029	0.0142
28	-1.30	0.0035	0.0177
29	-1.20	0.0049	0.0227
30	-1.10	0.0054	0.0281
31	-1.00	0.0074	0.0354
32	-0.90	0.0104	0.0458
33	-0.80	0.0139	0.0597
34	-0.70	0.0199	0.0795
35	-0.60	0.0276	0.1072
36	-0.50	0.0421	0.1493
37	-0.40	0.0585	0.2077
38	-0.30	0.0779	0.2856
39	-0.20	0.0950	0.3806
40	-0.10	0.1034	0.4840
41	0.	0.1009	0.5849
42	0.10	0.0887	0.6735
43	0.20	0.0712	0.7447
44	0.30	0.0554	0.8001
45	0.40	0.0435	0.8436
46	0.50	0.0343	0.8779
47	0.60	0.0269	0.9048
48	0.70	0.0205	0.9253
49	0.80	0.0160	0.9413
50	0.90	0.0117	0.9530
51	1.00	0.0094	0.9625
52	1.10	0.0072	0.9696
53	1.20	0.0060	0.9756
54	1.30	0.0045	0.9802
55	1.40	0.0035	0.9837
56	1.50	0.0032	0.9869
57	1.60	0.0023	0.9892
58	1.70	0.0021	0.9913
59	1.80	0.0017	0.9931
60	1.90	0.0012	0.9942
61	2.00	0.0013	0.9955
62	2.10	0.0009	0.9964
63	2.20	0.0006	0.9970
64	2.30	0.0004	0.9973
65	2.40	0.0004	0.9977
66	2.50	0.0004	0.9981
67	2.60	0.0003	0.9984
68	2.70	0.0002	0.9986
69	2.80	0.0002	0.9988
70	2.90	0.0003	0.9991
71	3.00	0.0001	0.9992
72	3.10	0.0001	0.9993
73	3.20	0.0001	0.9994
74	3.30	0.0001	0.9995
75	3.40	0.0001	0.9996
76	3.50	0.0001	0.9997
77	3.60	0.0001	0.9997
78	3.70	0.0000	0.9998
79	3.80	0.0000	0.9998
80	3.90	0.0001	0.9998
81	4.00	0.0000	0.9998

TOTAL WATER LEVEL

MEAN-0.01 STND DEV 1.74

I	X	P(X)	F(X)
1	-5.00	0.0001	0.0003
2	-4.80	0.0002	0.0004
3	-4.60	0.0002	0.0007
4	-4.40	0.0006	0.0012
5	-4.20	0.0009	0.0021
6	-4.00	0.0012	0.0033
7	-3.80	0.0021	0.0054
8	-3.60	0.0034	0.0088
9	-3.40	0.0047	0.0135
10	-3.20	0.0074	0.0209
11	-3.00	0.0112	0.0320
12	-2.80	0.0158	0.0478
13	-2.60	0.0203	0.0681
14	-2.40	0.0268	0.0949
15	-2.20	0.0327	0.1276
16	-2.00	0.0357	0.1633
17	-1.80	0.0396	0.2029
18	-1.60	0.0395	0.2424
19	-1.40	0.0380	0.2804
20	-1.20	0.0383	0.3187
21	-1.00	0.0363	0.3550
22	-0.80	0.0343	0.3894
23	-0.60	0.0328	0.4222
24	-0.40	0.0323	0.4545
25	-0.20	0.0326	0.4871
26	0.	0.0310	0.5181
27	0.20	0.0324	0.5504
28	0.40	0.0323	0.5827
29	0.60	0.0329	0.6156
30	0.80	0.0353	0.6509
31	1.00	0.0361	0.6870
32	1.20	0.0374	0.7244
33	1.40	0.0382	0.7627
34	1.60	0.0385	0.8011
35	1.80	0.0374	0.8386
36	2.00	0.0340	0.8726
37	2.20	0.0308	0.9033
38	2.40	0.0268	0.9301
39	2.60	0.0204	0.9505
40	2.80	0.0157	0.9662
41	3.00	0.0116	0.9778
42	3.20	0.0082	0.9860
43	3.40	0.0055	0.9915
44	3.60	0.0034	0.9949
45	3.80	0.0021	0.9969
46	4.00	0.0012	0.9981
47	4.20	0.0007	0.9988
48	4.40	0.0005	0.9992
49	4.60	0.0002	0.9994
50	4.80	0.0002	0.9996
51	5.00	0.0001	0.9997
52	5.20	0.0001	0.9998
53	5.40	0.0000	0.9998
54	5.60	0.0000	0.9998
55	5.80	0.0000	0.9999
56	6.00	0.0000	0.9999
57	6.20	0.0000	0.9999
58	6.40	0.0000	0.9999
59	6.60	0.0000	1.0000
60	6.80	0.0000	1.0000
61	7.00	0.0000	1.0000

I - INTERVAL NUMBER X - INTERVAL CENTER VALUE

P(X) - PROBABILITY MASS FUNCTION F(X) - CUMULATIVE DISTRIBUTION FUNCTION

SANDY HOOK N.J.

STATISTICS FOR JANUARY

ASTRONOMICAL TIDE				STORM SURGE				TOTAL WATER LEVEL			
MEAN-0.31		STND DEV 1.67		MEAN 0.03		STND DEV 0.78		MEAN-0.25		STND DEV 1.79	
I	X	P(X)	F(X)	I	X	P(X)	F(X)	I	X	P(X)	F(X)
1	-4.00	0.	0.	1	-4.00	0.	0.0003	1	-5.00	0.0002	0.0007
2	-3.90	0.0001	0.0001	2	-3.90	0.	0.0003	2	-4.80	0.0006	0.0013
3	-3.80	0.0003	0.0004	3	-3.80	0.0002	0.0005	3	-4.60	0.0002	0.0015
4	-3.70	0.0007	0.0011	4	-3.70	0.	0.0005	4	-4.40	0.0017	0.0032
5	-3.60	0.0012	0.0023	5	-3.60	0.0001	0.0006	5	-4.20	0.0018	0.0050
6	-3.50	0.0021	0.0044	6	-3.50	0.0001	0.0006	6	-4.00	0.0033	0.0083
7	-3.40	0.0031	0.0075	7	-3.40	0.0002	0.0009	7	-3.80	0.0060	0.0143
8	-3.30	0.0036	0.0112	8	-3.30	0.0003	0.0012	8	-3.60	0.0082	0.0225
9	-3.20	0.0053	0.0165	9	-3.20	0.0003	0.0015	9	-3.40	0.0115	0.0341
10	-3.10	0.0058	0.0222	10	-3.10	0.0002	0.0017	10	-3.20	0.0146	0.0486
11	-3.00	0.0074	0.0297	11	-3.00	0.0002	0.0020	11	-3.00	0.0185	0.0671
12	-2.90	0.0104	0.0400	12	-2.90	0.0001	0.0021	12	-2.80	0.0217	0.0888
13	-2.80	0.0108	0.0508	13	-2.80	0.0004	0.0025	13	-2.60	0.0266	0.1154
14	-2.70	0.0157	0.0664	14	-2.70	0.0007	0.0032	14	-2.40	0.0298	0.1452
15	-2.60	0.0180	0.0844	15	-2.60	0.0006	0.0037	15	-2.20	0.0353	0.1805
16	-2.50	0.0206	0.1050	16	-2.50	0.0008	0.0045	16	-2.00	0.0339	0.2144
17	-2.40	0.0213	0.1263	17	-2.40	0.0012	0.0057	17	-1.80	0.0362	0.2506
18	-2.30	0.0230	0.1493	18	-2.30	0.0006	0.0063	18	-1.60	0.0368	0.2874
19	-2.20	0.0234	0.1727	19	-2.20	0.0013	0.0077	19	-1.40	0.0346	0.3220
20	-2.10	0.0242	0.1969	20	-2.10	0.0013	0.0090	20	-1.20	0.0373	0.3594
21	-2.00	0.0236	0.2204	21	-2.00	0.0020	0.0110	21	-1.00	0.0330	0.3923
22	-1.90	0.0234	0.2438	22	-1.90	0.0017	0.0127	22	-0.80	0.0334	0.4258
23	-1.80	0.0202	0.2641	23	-1.80	0.0017	0.0145	23	-0.60	0.0332	0.4590
24	-1.70	0.0214	0.2855	24	-1.70	0.0034	0.0179	24	-0.40	0.0319	0.4909
25	-1.60	0.0208	0.3063	25	-1.60	0.0051	0.0229	25	-0.20	0.0342	0.5251
26	-1.50	0.0176	0.3239	26	-1.50	0.0044	0.0274	26	0.	0.0313	0.5565
27	-1.40	0.0173	0.3412	27	-1.40	0.0063	0.0337	27	0.20	0.0345	0.5909
28	-1.30	0.0168	0.3580	28	-1.30	0.0079	0.0416	28	0.40	0.0356	0.6265
29	-1.20	0.0155	0.3735	29	-1.20	0.0110	0.0526	29	0.60	0.0346	0.6611
30	-1.10	0.0160	0.3895	30	-1.10	0.0098	0.0624	30	0.80	0.0377	0.6989
31	-1.00	0.0159	0.4054	31	-1.00	0.0141	0.0764	31	1.00	0.0372	0.7361
32	-0.90	0.0153	0.4206	32	-0.90	0.0188	0.0953	32	1.20	0.0343	0.7704
33	-0.80	0.0169	0.4375	33	-0.80	0.0243	0.1195	33	1.40	0.0380	0.8084
34	-0.70	0.0150	0.4526	34	-0.70	0.0306	0.1501	34	1.60	0.0336	0.8420
35	-0.60	0.0154	0.4680	35	-0.60	0.0358	0.1860	35	1.80	0.0309	0.8729
36	-0.50	0.0132	0.4812	36	-0.50	0.0438	0.2298	36	2.00	0.0279	0.9008
37	-0.40	0.0138	0.4950	37	-0.40	0.0466	0.2763	37	2.20	0.0249	0.9258
38	-0.30	0.0157	0.5105	38	-0.30	0.0554	0.3318	38	2.40	0.0198	0.9455
39	-0.20	0.0129	0.5236	39	-0.20	0.0548	0.3865	39	2.60	0.0146	0.9601
40	-0.10	0.0176	0.5413	40	-0.10	0.0576	0.4441	40	2.80	0.0127	0.9728
41	0.	0.0144	0.5557	41	0.	0.0598	0.5039	41	3.00	0.0069	0.9817
42	0.10	0.0159	0.5715	42	0.10	0.0636	0.5674	42	3.20	0.0062	0.9879
43	0.20	0.0153	0.5869	43	0.20	0.0589	0.6263	43	3.40	0.0046	0.9925
44	0.30	0.0154	0.6023	44	0.30	0.0519	0.6782	44	3.60	0.0021	0.9946
45	0.40	0.0156	0.6179	45	0.40	0.0482	0.7264	45	3.80	0.0016	0.9962
46	0.50	0.0153	0.6331	46	0.50	0.0505	0.7770	46	4.00	0.0013	0.9976
47	0.60	0.0176	0.6508	47	0.60	0.0385	0.8155	47	4.20	0.0010	0.9985
48	0.70	0.0169	0.6677	48	0.70	0.0331	0.8486	48	4.40	0.0005	0.9990
49	0.80	0.0187	0.6864	49	0.80	0.0270	0.8756	49	4.60	0.0002	0.9992
50	0.90	0.0198	0.7062	50	0.90	0.0218	0.8974	50	4.80	0.0002	0.9994
51	1.00	0.0199	0.7261	51	1.00	0.0187	0.9161	51	5.00	0.0001	0.9995
52	1.10	0.0209	0.7470	52	1.10	0.0155	0.9316	52	5.20	0.	0.9995
53	1.20	0.0226	0.7696	53	1.20	0.0141	0.9457	53	5.40	0.0001	0.9996
54	1.30	0.0214	0.7910	54	1.30	0.0097	0.9554	54	5.60	0.	0.9996
55	1.40	0.0230	0.8140	55	1.40	0.0082	0.9636	55	5.80	0.	0.9996
56	1.50	0.0237	0.8377	56	1.50	0.0059	0.9696	56	6.00	0.0001	0.9997
57	1.60	0.0211	0.8588	57	1.60	0.0043	0.9738	57	6.20	0.	0.9997
58	1.70	0.0171	0.8759	58	1.70	0.0040	0.9779	58	6.40	0.0001	0.9998
59	1.80	0.0176	0.8935	59	1.80	0.0029	0.9807	59	6.60	0.0001	0.9998
60	1.90	0.0138	0.9073	60	1.90	0.0023	0.9830	60	6.80	0.	0.9998
61	2.00	0.0161	0.9233	61	2.00	0.0029	0.9859	61	7.00	0.	0.9998
62	2.10	0.0137	0.9370	62	2.10	0.0027	0.9886				
63	2.20	0.0121	0.9491	63	2.20	0.0018	0.9904				
64	2.30	0.0111	0.9602	64	2.30	0.0013	0.9917				
65	2.40	0.0081	0.9683	65	2.40	0.0012	0.9929				
66	2.50	0.0062	0.9745	66	2.50	0.0010	0.9939				
67	2.60	0.0059	0.9804	67	2.60	0.0010	0.9949				
68	2.70	0.0044	0.9848	68	2.70	0.0006	0.9955				
69	2.80	0.0035	0.9883	69	2.80	0.0006	0.9961				
70	2.90	0.0037	0.9920	70	2.90	0.0007	0.9968				
71	3.00	0.0026	0.9946	71	3.00	0.0004	0.9972				
72	3.10	0.0015	0.9961	72	3.10	0.0005	0.9977				
73	3.20	0.0019	0.9980	73	3.20	0.0004	0.9981				
74	3.30	0.0010	0.9990	74	3.30	0.0005	0.9986				
75	3.40	0.0007	0.9998	75	3.40	0.0003	0.9989				
76	3.50	0.0002	0.9999	76	3.50	0.0001	0.9990				
77	3.60	0.0001	1.0000	77	3.60	0.0001	0.9990				
78	3.70	0.	1.0000	78	3.70	0.0002	0.9993				
79	3.80	0.	1.0000	79	3.80	0.	0.9993				
80	3.90	0.	1.0000	80	3.90	0.0002	0.9995				
81	4.00	0.	1.0000	81	4.00	0.0001	0.9996				

I - INTERVAL NUMBER X - INTERVAL CENTER VALUE

P(X) - PROBABILITY MASS FUNCTION F(X) - CUMULATIVE DISTRIBUTION FUNCTION

SANDY HOOK N.J.

STATISTICS FOR FEBRUARY

ASTRONOMICAL TIDE				STORM SURGE				TOTAL WATER LEVEL			
MEAN-0.26		STND DEV 1.68		MEAN-0.03		STND DEV 0.73		MEAN-0.30		STND DEV 1.77	
*I	X	P(X)	F(X)	I	X	P(X)	F(X)	I	X	P(X)	F(X)
1	-4.00	0.	0.	1	-4.00	0.	0.	1	-5.00	0.0003	0.0010
2	-3.90	0.	0.	2	-3.90	0.	0.	2	-4.80	0.0003	0.0013
3	-3.80	0.0004	0.0004	3	-3.80	0.	0.	3	-4.60	0.0010	0.0023
4	-3.70	0.0008	0.0012	4	-3.70	0.	0.	4	-4.40	0.0014	0.0037
5	-3.60	0.0014	0.0026	5	-3.60	0.	0.	5	-4.20	0.0028	0.0065
6	-3.50	0.0030	0.0056	6	-3.50	0.	0.	6	-4.00	0.0029	0.0093
7	-3.40	0.0037	0.0093	7	-3.40	0.	0.	7	-3.80	0.0053	0.0147
8	-3.30	0.0037	0.0129	8	-3.30	0.0001	0.0001	8	-3.60	0.0089	0.0236
9	-3.20	0.0056	0.0186	9	-3.20	0.	0.0001	9	-3.40	0.0107	0.0343
10	-3.10	0.0066	0.0252	10	-3.10	0.0002	0.0003	10	-3.20	0.0133	0.0476
11	-3.00	0.0078	0.0330	11	-3.00	0.0002	0.0004	11	-3.00	0.0186	0.0662
12	-2.90	0.0083	0.0412	12	-2.90	0.0002	0.0006	12	-2.80	0.0232	0.0894
13	-2.80	0.0113	0.0525	13	-2.80	0.0001	0.0007	13	-2.60	0.0271	0.1164
14	-2.70	0.0149	0.0675	14	-2.70	0.0004	0.0011	14	-2.40	0.0307	0.1471
15	-2.60	0.0154	0.0828	15	-2.60	0.0007	0.0018	15	-2.20	0.0352	0.1823
16	-2.50	0.0165	0.0993	16	-2.50	0.0003	0.0022	16	-2.00	0.0359	0.2182
17	-2.40	0.0202	0.1195	17	-2.40	0.0011	0.0032	17	-1.80	0.0394	0.2576
18	-2.30	0.0207	0.1402	18	-2.30	0.0014	0.0046	18	-1.60	0.0371	0.2947
19	-2.20	0.0220	0.1622	19	-2.20	0.0018	0.0064	19	-1.40	0.0342	0.3290
20	-2.10	0.0223	0.1845	20	-2.10	0.0030	0.0093	20	-1.20	0.0365	0.3655
21	-2.00	0.0215	0.2060	21	-2.00	0.0025	0.0119	21	-1.00	0.0356	0.4011
22	-1.90	0.0224	0.2284	22	-1.90	0.0031	0.0149	22	-0.80	0.0349	0.4361
23	-1.80	0.0247	0.2531	23	-1.80	0.0030	0.0179	23	-0.60	0.0339	0.4700
24	-1.70	0.0216	0.2747	24	-1.70	0.0060	0.0239	24	-0.40	0.0322	0.5022
25	-1.60	0.0201	0.2949	25	-1.60	0.0061	0.0321	25	-0.20	0.0339	0.5361
26	-1.50	0.0183	0.3132	26	-1.50	0.0072	0.0392	26	0.	0.0316	0.5677
27	-1.40	0.0177	0.3309	27	-1.40	0.0091	0.0483	27	0.20	0.0342	0.6019
28	-1.30	0.0181	0.3490	28	-1.30	0.0081	0.0564	28	0.40	0.0347	0.6366
29	-1.20	0.0168	0.3658	29	-1.20	0.0126	0.0690	29	0.60	0.0326	0.6692
30	-1.10	0.0180	0.3838	30	-1.10	0.0136	0.0826	30	0.80	0.0366	0.7058
31	-1.00	0.0150	0.3988	31	-1.00	0.0163	0.0989	31	1.00	0.0369	0.7427
32	-0.90	0.0144	0.4132	32	-0.90	0.0197	0.1186	32	1.20	0.0363	0.7789
33	-0.80	0.0147	0.4279	33	-0.80	0.0253	0.1440	33	1.40	0.0343	0.8132
34	-0.70	0.0161	0.4439	34	-0.70	0.0267	0.1707	34	1.60	0.0348	0.8480
35	-0.60	0.0169	0.4609	35	-0.60	0.0328	0.2034	35	1.80	0.0294	0.8774
36	-0.50	0.0137	0.4746	36	-0.50	0.0407	0.2442	36	2.00	0.0294	0.9067
37	-0.40	0.0137	0.4883	37	-0.40	0.0429	0.2870	37	2.20	0.0234	0.9301
38	-0.30	0.0153	0.5036	38	-0.30	0.0505	0.3375	38	2.40	0.0198	0.9500
39	-0.20	0.0144	0.5180	39	-0.20	0.0618	0.3993	39	2.60	0.0164	0.9664
40	-0.10	0.0153	0.5332	40	-0.10	0.0625	0.4618	40	2.80	0.0108	0.9772
41	0.	0.0159	0.5491	41	0.	0.0650	0.5268	41	3.00	0.0085	0.9857
42	0.10	0.0150	0.5642	42	0.10	0.0651	0.5919	42	3.20	0.0050	0.9906
43	0.20	0.0149	0.5791	43	0.20	0.0621	0.6540	43	3.40	0.0038	0.9944
44	0.30	0.0148	0.5939	44	0.30	0.0604	0.7144	44	3.60	0.0024	0.9968
45	0.40	0.0154	0.6093	45	0.40	0.0526	0.7669	45	3.80	0.0016	0.9983
46	0.50	0.0185	0.6278	46	0.50	0.0503	0.8173	46	4.00	0.0009	0.9992
47	0.60	0.0168	0.6446	47	0.60	0.0444	0.8616	47	4.20	0.0005	0.9997
48	0.70	0.0163	0.6609	48	0.70	0.0342	0.8959	48	4.40	0.0001	0.9998
49	0.80	0.0201	0.6810	49	0.80	0.0252	0.9211	49	4.60	0.0001	0.9999
50	0.90	0.0190	0.7000	50	0.90	0.0173	0.9384	50	4.80	0.0001	1.0000
51	1.00	0.0199	0.7199	51	1.00	0.0142	0.9526	51	5.00	0.	1.0000
52	1.10	0.0182	0.7381	52	1.10	0.0107	0.9633	52	5.20	0.	1.0000
53	1.20	0.0200	0.7581	53	1.20	0.0074	0.9707	53	5.40	0.	1.0000
54	1.30	0.0202	0.7783	54	1.30	0.0055	0.9762	54	5.60	0.	1.0000
55	1.40	0.0188	0.7971	55	1.40	0.0043	0.9805	55	5.80	0.	1.0000
56	1.50	0.0212	0.8182	56	1.50	0.0038	0.9843	56	6.00	0.	1.0000
57	1.60	0.0207	0.8389	57	1.60	0.0023	0.9866	57	6.20	0.	1.0000
58	1.70	0.0208	0.8596	58	1.70	0.0022	0.9887	58	6.40	0.	1.0000
59	1.80	0.0212	0.8808	59	1.80	0.0022	0.9909	59	6.60	0.	1.0000
60	1.90	0.0160	0.8968	60	1.90	0.0016	0.9925	60	6.80	0.	1.0000
61	2.00	0.0148	0.9116	61	2.00	0.0014	0.9939	61	7.00	0.	1.0000
62	2.10	0.0148	0.9264	62	2.10	0.0011	0.9949				
63	2.20	0.0143	0.9407	63	2.20	0.0009	0.9958				
64	2.30	0.0112	0.9519	64	2.30	0.0003	0.9962				
65	2.40	0.0110	0.9629	65	2.40	0.0003	0.9964				
66	2.50	0.0083	0.9713	66	2.50	0.0007	0.9971				
67	2.60	0.0064	0.9777	67	2.60	0.0003	0.9974				
68	2.70	0.0064	0.9841	68	2.70	0.0002	0.9976				
69	2.80	0.0049	0.9890	69	2.80	0.0007	0.9983				
70	2.90	0.0035	0.9924	70	2.90	0.0003	0.9986				
71	3.00	0.0030	0.9954	71	3.00	0.0004	0.9990				
72	3.10	0.0022	0.9976	72	3.10	0.0002	0.9992				
73	3.20	0.0010	0.9985	73	3.20	0.0002	0.9994				
74	3.30	0.0008	0.9993	74	3.30	0.0003	0.9997				
75	3.40	0.0005	0.9998	75	3.40	0.	0.9997				
76	3.50	0.0002	1.0000	76	3.50	0.0001	0.9997				
77	3.60	0.	1.0000	77	3.60	0.	0.9997				
78	3.70	0.	1.0000	78	3.70	0.	0.9997				
79	3.80	0.	1.0000	79	3.80	0.0001	0.9998				
80	3.90	0.	1.0000	80	3.90	0.	0.9998				
81	4.00	0.	1.0000	81	4.00	0.	0.9998				

I - INTERVAL NUMBER X - INTERVAL CENTER VALUE

P(X) - PROBABILITY MASS FUNCTION F(X) - CUMULATIVE DISTRIBUTION FUNCTION

SANDY HOOK N.J.

STATISTICS FOR MARCH

ASTRONOMICAL TIDE				STORM SURGE				TOTAL WATER LEVEL			
MEAN-0.14		STND DEV 1.69		MEAN 0.09		STND DEV 0.73		MEAN-0.05		STND DEV 1.79	
I	X	P(X)	F(X)	I	X	P(X)	F(X)	I	X	P(X)	F(X)
1	-4.00	0.	0.	1	-4.00	0.	0.	1	-5.00	0.0002	0.0002
2	-3.90	0.	0.	2	-3.90	0.	0.	2	-4.80	0.	0.0002
3	-3.80	0.0001	0.0001	3	-3.80	0.	0.	3	-4.60	0.0008	0.0009
4	-3.70	0.0002	0.0003	4	-3.70	0.	0.	4	-4.40	0.0018	0.0027
5	-3.60	0.0009	0.0012	5	-3.60	0.	0.	5	-4.20	0.0014	0.0041
6	-3.50	0.0022	0.0034	6	-3.50	0.0001	0.0001	6	-4.00	0.0026	0.0066
7	-3.40	0.0029	0.0064	7	-3.40	0.0001	0.0002	7	-3.80	0.0030	0.0096
8	-3.30	0.0029	0.0093	8	-3.30	0.0001	0.0002	8	-3.60	0.0057	0.0153
9	-3.20	0.0048	0.0140	9	-3.20	0.0002	0.0004	9	-3.40	0.0062	0.0215
10	-3.10	0.0046	0.0187	10	-3.10	0.0001	0.0005	10	-3.20	0.0114	0.0329
11	-3.00	0.0056	0.0243	11	-3.00	0.0002	0.0007	11	-3.00	0.0141	0.0470
12	-2.90	0.0071	0.0314	12	-2.90	0.0002	0.0009	12	-2.80	0.0189	0.0659
13	-2.80	0.0082	0.0396	13	-2.80	0.0003	0.0012	13	-2.60	0.0201	0.0860
14	-2.70	0.0111	0.0507	14	-2.70	0.0002	0.0014	14	-2.40	0.0258	0.1118
15	-2.60	0.0137	0.0644	15	-2.60	0.0004	0.0017	15	-2.20	0.0327	0.1444
16	-2.50	0.0162	0.0807	16	-2.50	0.0006	0.0023	16	-2.00	0.0318	0.1763
17	-2.40	0.0163	0.0969	17	-2.40	0.0007	0.0030	17	-1.80	0.0375	0.2137
18	-2.30	0.0185	0.1154	18	-2.30	0.0008	0.0038	18	-1.60	0.0360	0.2498
19	-2.20	0.0220	0.1374	19	-2.20	0.0008	0.0046	19	-1.40	0.0337	0.2835
20	-2.10	0.0188	0.1562	20	-2.10	0.0011	0.0057	20	-1.20	0.0384	0.3219
21	-2.00	0.0231	0.1793	21	-2.00	0.0010	0.0067	21	-1.00	0.0349	0.3568
22	-1.90	0.0208	0.2000	22	-1.90	0.0017	0.0083	22	-0.80	0.0352	0.3920
23	-1.80	0.0217	0.2217	23	-1.80	0.0009	0.0092	23	-0.60	0.0312	0.4231
24	-1.70	0.0226	0.2443	24	-1.70	0.0026	0.0119	24	-0.40	0.0344	0.4575
25	-1.60	0.0227	0.2670	25	-1.60	0.0026	0.0144	25	-0.20	0.0325	0.4900
26	-1.50	0.0216	0.2885	26	-1.50	0.0027	0.0171	26	0.	0.0324	0.5225
27	-1.40	0.0200	0.3085	27	-1.40	0.0053	0.0225	27	0.20	0.0336	0.5560
28	-1.30	0.0199	0.3284	28	-1.30	0.0055	0.0279	28	0.40	0.0312	0.5872
29	-1.20	0.0157	0.3441	29	-1.20	0.0078	0.0357	29	0.60	0.0362	0.6234
30	-1.10	0.0159	0.3600	30	-1.10	0.0110	0.0467	30	0.80	0.0376	0.6610
31	-1.00	0.0157	0.3757	31	-1.00	0.0125	0.0592	31	1.00	0.0346	0.6956
32	-0.90	0.0177	0.3934	32	-0.90	0.0166	0.0758	32	1.20	0.0377	0.7333
33	-0.80	0.0164	0.4097	33	-0.80	0.0188	0.0945	33	1.40	0.0377	0.7710
34	-0.70	0.0161	0.4258	34	-0.70	0.0237	0.1182	34	1.60	0.0358	0.8068
35	-0.60	0.0136	0.4394	35	-0.60	0.0281	0.1463	35	1.80	0.0351	0.8418
36	-0.50	0.0149	0.4543	36	-0.50	0.0357	0.1820	36	2.00	0.0340	0.8758
37	-0.40	0.0148	0.4691	37	-0.40	0.0452	0.2272	37	2.20	0.0273	0.9031
38	-0.30	0.0158	0.4849	38	-0.30	0.0539	0.2811	38	2.40	0.0254	0.9285
39	-0.20	0.0155	0.5005	39	-0.20	0.0637	0.3448	39	2.60	0.0197	0.9481
40	-0.10	0.0151	0.5155	40	-0.10	0.0677	0.4125	40	2.80	0.0158	0.9640
41	0.	0.0143	0.5299	41	0.	0.0737	0.4863	41	3.00	0.0121	0.9760
42	0.10	0.0144	0.5443	42	0.10	0.0740	0.5602	42	3.20	0.0092	0.9853
43	0.20	0.0151	0.5594	43	0.20	0.0688	0.6290	43	3.40	0.0047	0.9900
44	0.30	0.0145	0.5739	44	0.30	0.0610	0.6900	44	3.60	0.0031	0.9931
45	0.40	0.0170	0.5908	45	0.40	0.0586	0.7486	45	3.80	0.0020	0.9951
46	0.50	0.0152	0.6060	46	0.50	0.0469	0.7954	46	4.00	0.0012	0.9963
47	0.60	0.0165	0.6225	47	0.60	0.0421	0.8375	47	4.20	0.0008	0.9972
48	0.70	0.0169	0.6394	48	0.70	0.0316	0.8691	48	4.40	0.0007	0.9978
49	0.80	0.0172	0.6566	49	0.80	0.0269	0.8960	49	4.60	0.0002	0.9980
50	0.90	0.0190	0.6756	50	0.90	0.0176	0.9137	50	4.80	0.0003	0.9984
51	1.00	0.0199	0.6955	51	1.00	0.0130	0.9267	51	5.00	0.0002	0.9985
52	1.10	0.0181	0.7136	52	1.10	0.0098	0.9365	52	5.20	0.0005	0.9990
53	1.20	0.0189	0.7325	53	1.20	0.0087	0.9452	53	5.40	0.0001	0.9990
54	1.30	0.0203	0.7528	54	1.30	0.0077	0.9528	54	5.60	0.0002	0.9992
55	1.40	0.0204	0.7732	55	1.40	0.0062	0.9591	55	5.80	0.0001	0.9993
56	1.50	0.0202	0.7933	56	1.50	0.0077	0.9668	56	6.00	0.	0.9993
57	1.60	0.0195	0.8128	57	1.60	0.0056	0.9722	57	6.20	0.0002	0.9994
58	1.70	0.0195	0.8323	58	1.70	0.0056	0.9778	58	6.40	0.0002	0.9996
59	1.80	0.0196	0.8519	59	1.80	0.0052	0.9830	59	6.60	0.0001	0.9997
60	1.90	0.0182	0.8702	60	1.90	0.0023	0.9854	60	6.80	0.0002	0.9999
61	2.00	0.0173	0.8874	61	2.00	0.0025	0.9878	61	7.00	0.0001	1.0000
62	2.10	0.0194	0.9068	62	2.10	0.0016	0.9894				
63	2.20	0.0191	0.9259	63	2.20	0.0011	0.9905				
64	2.30	0.0141	0.9400	64	2.30	0.0008	0.9912				
65	2.40	0.0119	0.9519	65	2.40	0.0008	0.9920				
66	2.50	0.0110	0.9629	66	2.50	0.0009	0.9929				
67	2.60	0.0077	0.9706	67	2.60	0.0005	0.9934				
68	2.70	0.0066	0.9772	68	2.70	0.0009	0.9943				
69	2.80	0.0056	0.9828	69	2.80	0.0008	0.9950				
70	2.90	0.0045	0.9872	70	2.90	0.0013	0.9963				
71	3.00	0.0039	0.9911	71	3.00	0.0003	0.9966				
72	3.10	0.0034	0.9945	72	3.10	0.0004	0.9970				
73	3.20	0.0029	0.9974	73	3.20	0.0004	0.9974				
74	3.30	0.0016	0.9990	74	3.30	0.0002	0.9976				
75	3.40	0.0007	0.9996	75	3.40	0.0004	0.9980				
76	3.50	0.0003	0.9999	76	3.50	0.0002	0.9981				
77	3.60	0.0001	1.0000	77	3.60	0.0002	0.9983				
78	3.70	0.	1.0000	78	3.70	0.0001	0.9984				
79	3.80	0.	1.0000	79	3.80	0.0001	0.9984				
80	3.90	0.	1.0000	80	3.90	0.0002	0.9986				
81	4.00	0.	1.0000	81	4.00	0.0002	0.9988				

I - INTERVAL NUMBER X - INTERVAL CENTER VALUE

P(X) - PROBABILITY MASS FUNCTION F(X) - CUMULATIVE DISTRIBUTION FUNCTION

SANDY HOOK N.J.

STATISTICS FOR APRIL

ASTRONOMICAL TIDE				STORM SURGE				TOTAL WATER LEVEL			
MEAN 0.00		STND DEV 1.69		MEAN 0.00		STND DEV 0.52		MEAN-0.00		STND DEV 1.74	
I	X	P(X)	F(X)	I	X	P(X)	F(X)	I	X	P(X)	F(X)
1	-4.00	0.	0.	1	-4.00	0.	0.	1	-5.00	0.	0.
2	-3.90	0.	0.	2	-3.90	0.	0.	2	-4.80	0.	0.
3	-3.80	0.	0.	3	-3.80	0.	0.	3	-4.60	0.0002	0.0002
4	-3.70	0.	0.	4	-3.70	0.	0.	4	-4.40	0.0002	0.0004
5	-3.60	0.	0.	5	-3.60	0.	0.	5	-4.20	0.0004	0.0007
6	-3.50	0.0009	0.0009	6	-3.50	0.	0.	6	-4.00	0.0008	0.0015
7	-3.40	0.0015	0.0023	7	-3.40	0.	0.	7	-3.80	0.0017	0.0032
8	-3.30	0.0023	0.0047	8	-3.30	0.	0.	8	-3.60	0.0031	0.0064
9	-3.20	0.0027	0.0074	9	-3.20	0.	0.	9	-3.40	0.0051	0.0115
10	-3.10	0.0042	0.0116	10	-3.10	0.	0.	10	-3.20	0.0091	0.0206
11	-3.00	0.0053	0.0170	11	-3.00	0.	0.	11	-3.00	0.0121	0.0327
12	-2.90	0.0050	0.0219	12	-2.90	0.	0.	12	-2.80	0.0153	0.0480
13	-2.80	0.0075	0.0294	13	-2.80	0.	0.	13	-2.60	0.0213	0.0692
14	-2.70	0.0083	0.0377	14	-2.70	0.	0.	14	-2.40	0.0262	0.0954
15	-2.60	0.0115	0.0491	15	-2.60	0.	0.	15	-2.20	0.0362	0.1316
16	-2.50	0.0118	0.0610	16	-2.50	0.	0.	16	-2.00	0.0342	0.1658
17	-2.40	0.0154	0.0763	17	-2.40	0.0001	0.0001	17	-1.80	0.0402	0.2060
18	-2.30	0.0174	0.0937	18	-2.30	0.0002	0.0002	18	-1.60	0.0379	0.2439
19	-2.20	0.0188	0.1125	19	-2.20	0.0002	0.0004	19	-1.40	0.0365	0.2803
20	-2.10	0.0195	0.1320	20	-2.10	0.0001	0.0005	20	-1.20	0.0389	0.3192
21	-2.00	0.0180	0.1500	21	-2.00	0.0003	0.0008	21	-1.00	0.0352	0.3544
22	-1.90	0.0205	0.1705	22	-1.90	0.0001	0.0009	22	-0.80	0.0346	0.3890
23	-1.80	0.0233	0.1937	23	-1.80	0.0006	0.0015	23	-0.60	0.0326	0.4216
24	-1.70	0.0224	0.2161	24	-1.70	0.0003	0.0018	24	-0.40	0.0305	0.4521
25	-1.60	0.0214	0.2374	25	-1.60	0.0009	0.0026	25	-0.20	0.0327	0.4847
26	-1.50	0.0227	0.2602	26	-1.50	0.0007	0.0033	26	0.	0.0314	0.5161
27	-1.40	0.0197	0.2798	27	-1.40	0.0010	0.0042	27	0.20	0.0321	0.5482
28	-1.30	0.0186	0.2985	28	-1.30	0.0015	0.0057	28	0.40	0.0300	0.5782
29	-1.20	0.0202	0.3186	29	-1.20	0.0026	0.0083	29	0.60	0.0320	0.6102
30	-1.10	0.0183	0.3369	30	-1.10	0.0038	0.0121	30	0.80	0.0369	0.6472
31	-1.00	0.0173	0.3542	31	-1.00	0.0059	0.0181	31	1.00	0.0379	0.6851
32	-0.90	0.0170	0.3713	32	-0.90	0.0108	0.0288	32	1.20	0.0374	0.7225
33	-0.80	0.0151	0.3863	33	-0.80	0.0173	0.0461	33	1.40	0.0393	0.7618
34	-0.70	0.0168	0.4031	34	-0.70	0.0297	0.0758	34	1.60	0.0396	0.8014
35	-0.60	0.0164	0.4195	35	-0.60	0.0415	0.1173	35	1.80	0.0373	0.8387
36	-0.50	0.0170	0.4365	36	-0.50	0.0557	0.1730	36	2.00	0.0352	0.8738
37	-0.40	0.0137	0.4502	37	-0.40	0.0637	0.2368	37	2.20	0.0307	0.9045
38	-0.30	0.0143	0.4645	38	-0.30	0.0748	0.3116	38	2.40	0.0263	0.9308
39	-0.20	0.0148	0.4792	39	-0.20	0.0851	0.3966	39	2.60	0.0206	0.9515
40	-0.10	0.0140	0.4932	40	-0.10	0.0868	0.4835	40	2.80	0.0148	0.9662
41	0.	0.0156	0.5089	41	0.	0.0885	0.5720	41	3.00	0.0110	0.9772
42	0.10	0.0159	0.5247	42	0.10	0.0790	0.6510	42	3.20	0.0076	0.9848
43	0.20	0.0144	0.5391	43	0.20	0.0733	0.7243	43	3.40	0.0056	0.9904
44	0.30	0.0145	0.5536	44	0.30	0.0621	0.7864	44	3.60	0.0039	0.9943
45	0.40	0.0150	0.5686	45	0.40	0.0502	0.8366	45	3.80	0.0023	0.9966
46	0.50	0.0162	0.5847	46	0.50	0.0372	0.8738	46	4.00	0.0011	0.9977
47	0.60	0.0148	0.5995	47	0.60	0.0336	0.9073	47	4.20	0.0009	0.9986
48	0.70	0.0155	0.6150	48	0.70	0.0230	0.9303	48	4.40	0.0004	0.9990
49	0.80	0.0197	0.6347	49	0.80	0.0157	0.9461	49	4.60	0.0002	0.9992
50	0.90	0.0134	0.6480	50	0.90	0.0106	0.9566	50	4.80	0.0005	0.9997
51	1.00	0.0190	0.6670	51	1.00	0.0094	0.9660	51	5.00	0.0001	0.9998
52	1.10	0.0189	0.6860	52	1.10	0.0070	0.9730	52	5.20	0.0001	0.9998
53	1.20	0.0194	0.7054	53	1.20	0.0056	0.9787	53	5.40	0.	0.9998
54	1.30	0.0208	0.7262	54	1.30	0.0056	0.9842	54	5.60	0.	0.9998
55	1.40	0.0190	0.7453	55	1.40	0.0029	0.9871	55	5.80	0.0001	0.9999
56	1.50	0.0205	0.7657	56	1.50	0.0031	0.9902	56	6.00	0.0001	1.0000
57	1.60	0.0208	0.7865	57	1.60	0.0031	0.9934	57	6.20	0.	1.0000
58	1.70	0.0222	0.8087	58	1.70	0.0017	0.9950	58	6.40	0.	1.0000
59	1.80	0.0204	0.8291	59	1.80	0.0020	0.9970	59	6.60	0.	1.0000
60	1.90	0.0194	0.8485	60	1.90	0.0010	0.9980	60	6.80	0.	1.0000
61	2.00	0.0176	0.8661	61	2.00	0.0004	0.9983	61	7.00	0.	1.0000
62	2.10	0.0178	0.8839	62	2.10	0.0004	0.9987				
63	2.20	0.0186	0.9025	63	2.20	0.0001	0.9988				
64	2.30	0.0175	0.9200	64	2.30	0.0001	0.9988				
65	2.40	0.0147	0.9346	65	2.40	0.0001	0.9989				
66	2.50	0.0102	0.9448	66	2.50	0.0001	0.9990				
67	2.60	0.0104	0.9552	67	2.60	0.0001	0.9990				
68	2.70	0.0103	0.9655	68	2.70	0.0001	0.9991				
69	2.80	0.0079	0.9734	69	2.80	0.0003	0.9994				
70	2.90	0.0058	0.9792	70	2.90	0.	0.9994				
71	3.00	0.0047	0.9839	71	3.00	0.0001	0.9995				
72	3.10	0.0040	0.9879	72	3.10	0.	0.9995				
73	3.20	0.0031	0.9910	73	3.20	0.	0.9995				
74	3.30	0.0021	0.9931	74	3.30	0.0001	0.9996				
75	3.40	0.0027	0.9958	75	3.40	0.0002	0.9997				
76	3.50	0.0017	0.9974	76	3.50	0.0001	0.9998				
77	3.60	0.0011	0.9985	77	3.60	0.	0.9998				
78	3.70	0.0011	0.9996	78	3.70	0.	0.9998				
79	3.80	0.0002	0.9998	79	3.80	0.0001	0.9998				
80	3.90	0.0002	1.0000	80	3.90	0.0001	0.9999				
81	4.00	0.	1.0000	81	4.00	0.	0.9999				

I - INTERVAL NUMBER X - INTERVAL CENTER VALUE

P(X) - PROBABILITY MASS FUNCTION F(X) - CUMULATIVE DISTRIBUTION FUNCTION

SANDY HOOK N.J.

STATISTICS FOR MAY

ASTRONOMICAL TIDE				STORM SURGE				TOTAL WATER LEVEL			
MEAN 0.09		STND DEV 1.69		MEAN-0.03		STND DEV 0.38		MEAN 0.05		STND DEV 1.71	
I	X	P(X)	F(X)	I	X	P(X)	F(X)	I	X	P(X)	F(X)
1	-4.00	0.	0.	1	-4.00	0.	0.	1	-5.00	0.	0.
2	-3.90	0.	0.	2	-3.90	0.	0.	2	-4.80	0.	0.
3	-3.80	0.	0.	3	-3.80	0.	0.	3	-4.60	0.	0.
4	-3.70	0.	0.	4	-3.70	0.	0.	4	-4.40	0.	0.
5	-3.60	0.	0.	5	-3.60	0.	0.	5	-4.20	0.	0.
6	-3.50	0.	0.	6	-3.50	0.	0.	6	-4.00	0.0001	0.0001
7	-3.40	0.0003	0.0003	7	-3.40	0.	0.	7	-3.80	0.0006	0.0007
8	-3.30	0.0008	0.0011	8	-3.30	0.	0.	8	-3.60	0.0016	0.0023
9	-3.20	0.0018	0.0028	9	-3.20	0.	0.	9	-3.40	0.0032	0.0055
10	-3.10	0.0028	0.0057	10	-3.10	0.	0.	10	-3.20	0.0058	0.0112
11	-3.00	0.0034	0.0091	11	-3.00	0.	0.	11	-3.00	0.0086	0.0198
12	-2.90	0.0050	0.0141	12	-2.90	0.	0.	12	-2.80	0.0134	0.0332
13	-2.80	0.0057	0.0197	13	-2.80	0.	0.	13	-2.60	0.0218	0.0550
14	-2.70	0.0073	0.0272	14	-2.70	0.	0.	14	-2.40	0.0280	0.0830
15	-2.60	0.0096	0.0369	15	-2.60	0.	0.	15	-2.20	0.0314	0.1145
16	-2.50	0.0094	0.0463	16	-2.50	0.	0.	16	-2.00	0.0370	0.1515
17	-2.40	0.0139	0.0601	17	-2.40	0.	0.	17	-1.80	0.0433	0.1948
18	-2.30	0.0156	0.0758	18	-2.30	0.	0.	18	-1.60	0.0417	0.2365
19	-2.20	0.0185	0.0943	19	-2.20	0.	0.	19	-1.40	0.0362	0.2727
20	-2.10	0.0192	0.1135	20	-2.10	0.	0.	20	-1.20	0.0396	0.3123
21	-2.00	0.0195	0.1331	21	-2.00	0.	0.	21	-1.00	0.0364	0.3487
22	-1.90	0.0212	0.1543	22	-1.90	0.	0.	22	-0.80	0.0350	0.3837
23	-1.80	0.0237	0.1780	23	-1.80	0.	0.	23	-0.60	0.0316	0.4152
24	-1.70	0.0206	0.1986	24	-1.70	0.0001	0.0001	24	-0.40	0.0309	0.4462
25	-1.60	0.0221	0.2206	25	-1.60	0.0003	0.0004	25	-0.20	0.0323	0.4785
26	-1.50	0.0217	0.2424	26	-1.50	0.0003	0.0006	26	0.	0.0294	0.5078
27	-1.40	0.0182	0.2605	27	-1.40	0.0004	0.0010	27	0.20	0.0308	0.5386
28	-1.30	0.0210	0.2816	28	-1.30	0.0007	0.0017	28	0.40	0.0309	0.5695
29	-1.20	0.0210	0.3026	29	-1.20	0.0004	0.0021	29	0.60	0.0303	0.5998
30	-1.10	0.0190	0.3216	30	-1.10	0.0006	0.0027	30	0.80	0.0331	0.6328
31	-1.00	0.0194	0.3410	31	-1.00	0.0031	0.0058	31	1.00	0.0363	0.6692
32	-0.90	0.0161	0.3570	32	-0.90	0.0053	0.0111	32	1.20	0.0398	0.7089
33	-0.80	0.0166	0.3736	33	-0.80	0.0103	0.0214	33	1.40	0.0395	0.7484
34	-0.70	0.0164	0.3900	34	-0.70	0.0174	0.0388	34	1.60	0.0433	0.7917
35	-0.60	0.0154	0.4054	35	-0.60	0.0255	0.0643	35	1.80	0.0415	0.8332
36	-0.50	0.0154	0.4208	36	-0.50	0.0516	0.1159	36	2.00	0.0351	0.8682
37	-0.40	0.0137	0.4344	37	-0.40	0.0725	0.1884	37	2.20	0.0326	0.9008
38	-0.30	0.0162	0.4506	38	-0.30	0.0897	0.2781	38	2.40	0.0299	0.9307
39	-0.20	0.0161	0.4667	39	-0.20	0.1082	0.3863	39	2.60	0.0196	0.9503
40	-0.10	0.0150	0.4817	40	-0.10	0.1116	0.4979	40	2.80	0.0164	0.9667
41	0.	0.0149	0.4965	41	0.	0.1123	0.6103	41	3.00	0.0115	0.9782
42	0.10	0.0143	0.5108	42	0.10	0.1041	0.7144	42	3.20	0.0081	0.9863
43	0.20	0.0155	0.5263	43	0.20	0.0813	0.7957	43	3.40	0.0060	0.9923
44	0.30	0.0143	0.5406	44	0.30	0.0636	0.8594	44	3.60	0.0037	0.9960
45	0.40	0.0151	0.5557	45	0.40	0.0452	0.9046	45	3.80	0.0018	0.9978
46	0.50	0.0156	0.5713	46	0.50	0.0314	0.9360	46	4.00	0.0015	0.9993
47	0.60	0.0148	0.5861	47	0.60	0.0199	0.9559	47	4.20	0.0003	0.9996
48	0.70	0.0161	0.6022	48	0.70	0.0120	0.9679	48	4.40	0.0004	0.9999
49	0.80	0.0151	0.6174	49	0.80	0.0102	0.9782	49	4.60	0.0001	1.0000
50	0.90	0.0164	0.6338	50	0.90	0.0058	0.9840	50	4.80	0.	1.0000
51	1.00	0.0168	0.6505	51	1.00	0.0058	0.9898	51	5.00	0.	1.0000
52	1.10	0.0174	0.6679	52	1.10	0.0032	0.9930	52	5.20	0.	1.0000
53	1.20	0.0184	0.6863	53	1.20	0.0019	0.9949	53	5.40	0.	1.0000
54	1.30	0.0214	0.7077	54	1.30	0.0016	0.9964	54	5.60	0.	1.0000
55	1.40	0.0188	0.7265	55	1.40	0.0011	0.9975	55	5.80	0.	1.0000
56	1.50	0.0210	0.7475	56	1.50	0.0006	0.9981	56	6.00	0.	1.0000
57	1.60	0.0243	0.7719	57	1.60	0.0009	0.9990	57	6.20	0.	1.0000
58	1.70	0.0206	0.7924	58	1.70	0.0001	0.9992	58	6.40	0.	1.0000
59	1.80	0.0212	0.8136	59	1.80	0.0004	0.9995	59	6.60	0.	1.0000
60	1.90	0.0227	0.8363	60	1.90	0.0002	0.9997	60	6.80	0.	1.0000
61	2.00	0.0207	0.8570	61	2.00	0.0003	1.0000	61	7.00	0.	1.0000
62	2.10	0.0199	0.8768	62	2.10	0.	1.0000				
63	2.20	0.0180	0.8949	63	2.20	0.	1.0000				
64	2.30	0.0151	0.9100	64	2.30	0.	1.0000				
65	2.40	0.0126	0.9226	65	2.40	0.	1.0000				
66	2.50	0.0130	0.9356	66	2.50	0.	1.0000				
67	2.60	0.0103	0.9459	67	2.60	0.	1.0000				
68	2.70	0.0092	0.9551	68	2.70	0.	1.0000				
69	2.80	0.0078	0.9629	69	2.80	0.	1.0000				
70	2.90	0.0076	0.9704	70	2.90	0.	1.0000				
71	3.00	0.0061	0.9766	71	3.00	0.	1.0000				
72	3.10	0.0032	0.9798	72	3.10	0.	1.0000				
73	3.20	0.0042	0.9839	73	3.20	0.	1.0000				
74	3.30	0.0044	0.9883	74	3.30	0.	1.0000				
75	3.40	0.0025	0.9908	75	3.40	0.	1.0000				
76	3.50	0.0023	0.9931	76	3.50	0.	1.0000				
77	3.60	0.0023	0.9955	77	3.60	0.	1.0000				
78	3.70	0.0016	0.9971	78	3.70	0.	1.0000				
79	3.80	0.0016	0.9987	79	3.80	0.	1.0000				
80	3.90	0.0011	0.9998	80	3.90	0.	1.0000				
81	4.00	0.0001	0.9999	81	4.00	0.	1.0000				

I - INTERVAL NUMBER X - INTERVAL CENTER VALUE

P(X) - PROBABILITY MASS FUNCTION F(X) - CUMULATIVE DISTRIBUTION FUNCTION

SANDY HOOK N.J.

STATISTICS FOR JUNE

ASTRONOMICAL TIDE				STORM SURGE				TOTAL WATER LEVEL			
MEAN 0.14		STND DEV 1.68		MEAN-0.03		STND DEV 0.32		MEAN 0.10		STND DEV 1.68	
I	X	P(X)	F(X)	I	X	P(X)	F(X)	I	X	P(X)	F(X)
1	-4.00	0.	0.	1	-4.00	0.	0.	1	-5.00	0.	0.
2	-3.90	0.	0.	2	-3.90	0.	0.	2	-4.80	0.	0.
3	-3.80	0.	0.	3	-3.80	0.	0.	3	-4.60	0.	0.
4	-3.70	0.	0.	4	-3.70	0.	0.	4	-4.40	0.	0.
5	-3.60	0.	0.	5	-3.60	0.	0.	5	-4.20	0.	0.
6	-3.50	0.	0.	6	-3.50	0.	0.	6	-4.00	0.	0.
7	-3.40	0.0001	0.0001	7	-3.40	0.	0.	7	-3.80	0.0002	0.0002
8	-3.30	0.0004	0.0004	8	-3.30	0.	0.	8	-3.60	0.0001	0.0002
9	-3.20	0.0005	0.0010	9	-3.20	0.	0.	9	-3.40	0.0006	0.0008
10	-3.10	0.0019	0.0029	10	-3.10	0.	0.	10	-3.20	0.0024	0.0033
11	-3.00	0.0023	0.0051	11	-3.00	0.	0.	11	-3.00	0.0069	0.0102
12	-2.90	0.0036	0.0087	12	-2.90	0.	0.	12	-2.80	0.0110	0.0212
13	-2.80	0.0044	0.0131	13	-2.80	0.	0.	13	-2.60	0.0187	0.0399
14	-2.70	0.0064	0.0195	14	-2.70	0.	0.	14	-2.40	0.0265	0.0663
15	-2.60	0.0075	0.0271	15	-2.60	0.	0.	15	-2.20	0.0352	0.1035
16	-2.50	0.0101	0.0371	16	-2.50	0.	0.	16	-2.00	0.0417	0.1453
17	-2.40	0.0116	0.0488	17	-2.40	0.	0.	17	-1.80	0.0422	0.1875
18	-2.30	0.0144	0.0632	18	-2.30	0.	0.	18	-1.60	0.0448	0.2322
19	-2.20	0.0175	0.0807	19	-2.20	0.	0.	19	-1.40	0.0364	0.2686
20	-2.10	0.0203	0.1010	20	-2.10	0.	0.	20	-1.20	0.0378	0.3064
21	-2.00	0.0197	0.1206	21	-2.00	0.	0.	21	-1.00	0.0364	0.3428
22	-1.90	0.0229	0.1436	22	-1.90	0.	0.	22	-0.80	0.0348	0.3777
23	-1.80	0.0233	0.1668	23	-1.80	0.	0.	23	-0.60	0.0329	0.4106
24	-1.70	0.0230	0.1898	24	-1.70	0.	0.	24	-0.40	0.0306	0.4412
25	-1.60	0.0230	0.2129	25	-1.60	0.	0.	25	-0.20	0.0298	0.4710
26	-1.50	0.0216	0.2345	26	-1.50	0.	0.	26	0.	0.0290	0.5000
27	-1.40	0.0216	0.2561	27	-1.40	0.	0.	27	0.20	0.0315	0.5315
28	-1.30	0.0197	0.2757	28	-1.30	0.0001	0.0001	28	0.40	0.0324	0.5639
29	-1.20	0.0215	0.2972	29	-1.20	0.	0.0001	29	0.60	0.0301	0.5940
30	-1.10	0.0189	0.3162	30	-1.10	0.0002	0.0003	30	0.80	0.0323	0.6263
31	-1.00	0.0167	0.3328	31	-1.00	0.0004	0.0007	31	1.00	0.0365	0.6628
32	-0.90	0.0181	0.3509	32	-0.90	0.0011	0.0018	32	1.20	0.0346	0.6974
33	-0.80	0.0161	0.3670	33	-0.80	0.0027	0.0045	33	1.40	0.0419	0.7393
34	-0.70	0.0163	0.3833	34	-0.70	0.0090	0.0134	34	1.60	0.0447	0.7840
35	-0.60	0.0145	0.3977	35	-0.60	0.0187	0.0321	35	1.80	0.0428	0.8268
36	-0.50	0.0178	0.4155	36	-0.50	0.0403	0.0724	36	2.00	0.0371	0.8639
37	-0.40	0.0147	0.4302	37	-0.40	0.0654	0.1378	37	2.20	0.0348	0.8988
38	-0.30	0.0143	0.4444	38	-0.30	0.1012	0.2390	38	2.40	0.0291	0.9278
39	-0.20	0.0144	0.4589	39	-0.20	0.1244	0.3634	39	2.60	0.0242	0.9520
40	-0.10	0.0165	0.4753	40	-0.10	0.1432	0.5066	40	2.80	0.0162	0.9682
41	0.	0.0142	0.4895	41	0.	0.1378	0.6444	41	3.00	0.0121	0.9803
42	0.10	0.0162	0.5057	42	0.10	0.1222	0.7666	42	3.20	0.0077	0.9880
43	0.20	0.0137	0.5194	43	0.20	0.0883	0.8550	43	3.40	0.0049	0.9929
44	0.30	0.0154	0.5348	44	0.30	0.0534	0.9083	44	3.60	0.0035	0.9964
45	0.40	0.0136	0.5484	45	0.40	0.0322	0.9405	45	3.80	0.0023	0.9986
46	0.50	0.0153	0.5637	46	0.50	0.0198	0.9603	46	4.00	0.0008	0.9995
47	0.60	0.0147	0.5784	47	0.60	0.0123	0.9726	47	4.20	0.0003	0.9998
48	0.70	0.0158	0.5942	48	0.70	0.0083	0.9809	48	4.40	0.0002	1.0000
49	0.80	0.0159	0.6101	49	0.80	0.0057	0.9866	49	4.60	0.	1.0000
50	0.90	0.0154	0.6255	50	0.90	0.0033	0.9899	50	4.80	0.	1.0000
51	1.00	0.0170	0.6425	51	1.00	0.0023	0.9922	51	5.00	0.	1.0000
52	1.10	0.0171	0.6596	52	1.10	0.0016	0.9938	52	5.20	0.	1.0000
53	1.20	0.0167	0.6762	53	1.20	0.0015	0.9953	53	5.40	0.	1.0000
54	1.30	0.0183	0.6945	54	1.30	0.0014	0.9967	54	5.60	0.	1.0000
55	1.40	0.0204	0.7149	55	1.40	0.0007	0.9973	55	5.80	0.	1.0000
56	1.50	0.0216	0.7366	56	1.50	0.0006	0.9980	56	6.00	0.	1.0000
57	1.60	0.0218	0.7583	57	1.60	0.0005	0.9984	57	6.20	0.	1.0000
58	1.70	0.0244	0.7828	58	1.70	0.0005	0.9989	58	6.40	0.	1.0000
59	1.80	0.0242	0.8069	59	1.80	0.0002	0.9992	59	6.60	0.	1.0000
60	1.90	0.0249	0.8319	60	1.90	0.0003	0.9995	60	6.80	0.	1.0000
61	2.00	0.0200	0.8518	61	2.00	0.0002	0.9997	61	7.00	0.	1.0000
62	2.10	0.0188	0.8706	62	2.10	0.	0.9997				
63	2.20	0.0175	0.8882	63	2.20	0.0001	0.9998				
64	2.30	0.0151	0.9032	64	2.30	0.0001	0.9998				
65	2.40	0.0146	0.9178	65	2.40	0.0002	1.0000				
66	2.50	0.0115	0.9292	66	2.50	0.	1.0000				
67	2.60	0.0131	0.9423	67	2.60	0.	1.0000				
68	2.70	0.0091	0.9515	68	2.70	0.	1.0000				
69	2.80	0.0080	0.9594	69	2.80	0.	1.0000				
70	2.90	0.0074	0.9668	70	2.90	0.	1.0000				
71	3.00	0.0071	0.9739	71	3.00	0.	1.0000				
72	3.10	0.0042	0.9781	72	3.10	0.	1.0000				
73	3.20	0.0052	0.9833	73	3.20	0.	1.0000				
74	3.30	0.0026	0.9860	74	3.30	0.	1.0000				
75	3.40	0.0041	0.9901	75	3.40	0.	1.0000				
76	3.50	0.0025	0.9925	76	3.50	0.	1.0000				
77	3.60	0.0025	0.9950	77	3.60	0.	1.0000				
78	3.70	0.0019	0.9969	78	3.70	0.	1.0000				
79	3.80	0.0015	0.9984	79	3.80	0.	1.0000				
80	3.90	0.0012	0.9996	80	3.90	0.	1.0000				
81	4.00	0.0004	1.0000	81	4.00	0.	1.0000				

I - INTERVAL NUMBER X - INTERVAL CENTER VALUE

P(X) - PROBABILITY MASS FUNCTION F(X) - CUMULATIVE DISTRIBUTION FUNCTION

SANDY HOOK N.J.

STATISTICS FOR JULY

ASTRONOMICAL TIDE				STORM SURGE				TOTAL WATER LEVEL			
MEAN 0.18		STND DEV 1.68		MEAN-0.10		STND DEV 0.26		MEAN 0.07		STND DEV 1.67	
I	X	P(X)	F(X)	I	X	P(X)	F(X)	I	X	P(X)	F(X)
1	-4.00	0.	0.	1	-4.00	0.	0.	1	-5.00	0.	0.
2	-3.90	0.	0.	2	-3.90	0.	0.	2	-4.80	0.	0.
3	-3.80	0.	0.	3	-3.80	0.	0.	3	-4.60	0.	0.
4	-3.70	0.	0.	4	-3.70	0.	0.	4	-4.40	0.	0.
5	-3.60	0.	0.	5	-3.60	0.	0.	5	-4.20	0.	0.
6	-3.50	0.	0.	6	-3.50	0.	0.	6	-4.00	0.	0.
7	-3.40	0.0002	0.0002	7	-3.40	0.	0.	7	-3.80	0.	0.
8	-3.30	0.0005	0.0007	8	-3.30	0.	0.	8	-3.60	0.0002	0.0002
9	-3.20	0.0011	0.0018	9	-3.20	0.	0.	9	-3.40	0.0004	0.0005
10	-3.10	0.0016	0.0034	10	-3.10	0.	0.	10	-3.20	0.0027	0.0033
11	-3.00	0.0019	0.0053	11	-3.00	0.	0.	11	-3.00	0.0065	0.0097
12	-2.90	0.0037	0.0090	12	-2.90	0.	0.	12	-2.80	0.0129	0.0227
13	-2.80	0.0039	0.0129	13	-2.80	0.	0.	13	-2.60	0.0179	0.0406
14	-2.70	0.0060	0.0189	14	-2.70	0.	0.	14	-2.40	0.0273	0.0679
15	-2.60	0.0051	0.0240	15	-2.60	0.	0.	15	-2.20	0.0342	0.1020
16	-2.50	0.0082	0.0322	16	-2.50	0.	0.	16	-2.00	0.0420	0.1440
17	-2.40	0.0104	0.0426	17	-2.40	0.	0.	17	-1.80	0.0454	0.1894
18	-2.30	0.0134	0.0559	18	-2.30	0.	0.	18	-1.60	0.0403	0.2297
19	-2.20	0.0159	0.0718	19	-2.20	0.	0.	19	-1.40	0.0439	0.2736
20	-2.10	0.0173	0.0892	20	-2.10	0.	0.	20	-1.20	0.0375	0.3111
21	-2.00	0.0204	0.1095	21	-2.00	0.	0.	21	-1.00	0.0383	0.3494
22	-1.90	0.0223	0.1318	22	-1.90	0.	0.	22	-0.80	0.0306	0.3800
23	-1.80	0.0244	0.1562	23	-1.80	0.	0.	23	-0.60	0.0332	0.4132
24	-1.70	0.0238	0.1800	24	-1.70	0.	0.	24	-0.40	0.0317	0.4449
25	-1.60	0.0239	0.2039	25	-1.60	0.	0.	25	-0.20	0.0321	0.4770
26	-1.50	0.0206	0.2245	26	-1.50	0.	0.	26	0.	0.0278	0.5048
27	-1.40	0.0224	0.2469	27	-1.40	0.	0.	27	0.20	0.0310	0.5358
28	-1.30	0.0229	0.2697	28	-1.30	0.	0.	28	0.40	0.0310	0.5668
29	-1.20	0.0219	0.2916	29	-1.20	0.	0.	29	0.60	0.0322	0.5990
30	-1.10	0.0179	0.3095	30	-1.10	0.	0.	30	0.80	0.0334	0.6323
31	-1.00	0.0173	0.3268	31	-1.00	0.0006	0.0006	31	1.00	0.0360	0.6684
32	-0.90	0.0175	0.3443	32	-0.90	0.0018	0.0024	32	1.20	0.0375	0.7059
33	-0.80	0.0170	0.3613	33	-0.80	0.0039	0.0063	33	1.40	0.0424	0.7482
34	-0.70	0.0144	0.3757	34	-0.70	0.0090	0.0152	34	1.60	0.0407	0.7889
35	-0.60	0.0170	0.3926	35	-0.60	0.0156	0.0308	35	1.80	0.0414	0.8303
36	-0.50	0.0158	0.4085	36	-0.50	0.0363	0.0672	36	2.00	0.0377	0.8680
37	-0.40	0.0162	0.4247	37	-0.40	0.0790	0.1462	37	2.20	0.0376	0.9055
38	-0.30	0.0149	0.4396	38	-0.30	0.1207	0.2668	38	2.40	0.0286	0.9341
39	-0.20	0.0146	0.4540	39	-0.20	0.1668	0.4337	39	2.60	0.0213	0.9554
40	-0.10	0.0154	0.4694	40	-0.10	0.1727	0.6064	40	2.80	0.0180	0.9734
41	0.	0.0143	0.4837	41	0.	0.1487	0.7551	41	3.00	0.0105	0.9839
42	0.10	0.0140	0.4976	42	0.10	0.1099	0.8650	42	3.20	0.0073	0.9912
43	0.20	0.0169	0.5145	43	0.20	0.0613	0.9263	43	3.40	0.0041	0.9953
44	0.30	0.0134	0.5279	44	0.30	0.0341	0.9603	44	3.60	0.0029	0.9982
45	0.40	0.0150	0.5429	45	0.40	0.0164	0.9767	45	3.80	0.0012	0.9995
46	0.50	0.0161	0.5590	46	0.50	0.0102	0.9869	46	4.00	0.0005	1.0000
47	0.60	0.0147	0.5737	47	0.60	0.0053	0.9923	47	4.20	0.	1.0000
48	0.70	0.0146	0.5883	48	0.70	0.0030	0.9953	48	4.40	0.	1.0000
49	0.80	0.0163	0.6045	49	0.80	0.0012	0.9965	49	4.60	0.	1.0000
50	0.90	0.0153	0.6199	50	0.90	0.0011	0.9976	50	4.80	0.	1.0000
51	1.00	0.0163	0.6361	51	1.00	0.0005	0.9981	51	5.00	0.	1.0000
52	1.10	0.0166	0.6528	52	1.10	0.0003	0.9985	52	5.20	0.	1.0000
53	1.20	0.0170	0.6697	53	1.20	0.0011	0.9995	53	5.40	0.	1.0000
54	1.30	0.0204	0.6901	54	1.30	0.	0.9995	54	5.60	0.	1.0000
55	1.40	0.0187	0.7089	55	1.40	0.	0.9995	55	5.80	0.	1.0000
56	1.50	0.0183	0.7272	56	1.50	0.0002	0.9998	56	6.00	0.	1.0000
57	1.60	0.0226	0.7498	57	1.60	0.0001	0.9998	57	6.20	0.	1.0000
58	1.70	0.0235	0.7732	58	1.70	0.0001	0.9999	58	6.40	0.	1.0000
59	1.80	0.0211	0.7944	59	1.80	0.0001	1.0000	59	6.60	0.	1.0000
60	1.90	0.0212	0.8156	60	1.90	0.	1.0000	60	6.80	0.	1.0000
61	2.00	0.0205	0.8360	61	2.00	0.	1.0000	61	7.00	0.	1.0000
62	2.10	0.0208	0.8568	62	2.10	0.	1.0000				
63	2.20	0.0194	0.8762	63	2.20	0.	1.0000				
64	2.30	0.0152	0.8914	64	2.30	0.	1.0000				
65	2.40	0.0156	0.9070	65	2.40	0.	1.0000				
66	2.50	0.0136	0.9206	66	2.50	0.	1.0000				
67	2.60	0.0141	0.9347	67	2.60	0.	1.0000				
68	2.70	0.0117	0.9464	68	2.70	0.	1.0000				
69	2.80	0.0112	0.9576	69	2.80	0.	1.0000				
70	2.90	0.0099	0.9675	70	2.90	0.	1.0000				
71	3.00	0.0070	0.9745	71	3.00	0.	1.0000				
72	3.10	0.0061	0.9807	72	3.10	0.	1.0000				
73	3.20	0.0044	0.9851	73	3.20	0.	1.0000				
74	3.30	0.0037	0.9888	74	3.30	0.	1.0000				
75	3.40	0.0025	0.9913	75	3.40	0.	1.0000				
76	3.50	0.0027	0.9940	76	3.50	0.	1.0000				
77	3.60	0.0022	0.9962	77	3.60	0.	1.0000				
78	3.70	0.0015	0.9977	78	3.70	0.	1.0000				
79	3.80	0.0013	0.9990	79	3.80	0.	1.0000				
80	3.90	0.0008	0.9997	80	3.90	0.	1.0000				
81	4.00	0.0003	1.0000	81	4.00	0.	1.0000				

I - INTERVAL NUMBER X - INTERVAL CENTER VALUE

P(X) - PROBABILITY MASS FUNCTION F(X) - CUMULATIVE DISTRIBUTION FUNCTION

SANDY HOOK N.J.

STATISTICS FOR AUGUST

ASTRONOMICAL TIDE				STORM SURGE				TOTAL WATER LEVEL			
MEAN 0.22		STND DEV 1.68		MEAN-0.07		STND DEV 0.28		MEAN 0.14		STND DEV 1.67	
I	X	P(X)	F(X)	I	X	P(X)	F(X)	I	X	P(X)	F(X)
1	-4.00	0.	0.	1	-4.00	0.	0.	1	-5.00	0.	0.
2	-3.90	0.	0.	2	-3.90	0.	0.	2	-4.80	0.	0.
3	-3.80	0.	0.	3	-3.80	0.	0.	3	-4.60	0.	0.
4	-3.70	0.	0.	4	-3.70	0.	0.	4	-4.40	0.	0.
5	-3.60	0.	0.	5	-3.60	0.	0.	5	-4.20	0.	0.
6	-3.50	0.	0.	6	-3.50	0.	0.	6	-4.00	0.	0.
7	-3.40	0.0002	0.0002	7	-3.40	0.	0.	7	-3.80	0.0001	0.0001
8	-3.30	0.0004	0.0005	8	-3.30	0.	0.	8	-3.60	0.0005	0.0006
9	-3.20	0.0013	0.0018	9	-3.20	0.	0.	9	-3.40	0.0012	0.0018
10	-3.10	0.0017	0.0035	10	-3.10	0.	0.	10	-3.20	0.0017	0.0035
11	-3.00	0.0019	0.0055	11	-3.00	0.	0.	11	-3.00	0.0060	0.0095
12	-2.90	0.0032	0.0087	12	-2.90	0.	0.	12	-2.80	0.0107	0.0202
13	-2.80	0.0034	0.0121	13	-2.80	0.	0.	13	-2.60	0.0147	0.0349
14	-2.70	0.0046	0.0167	14	-2.70	0.	0.	14	-2.40	0.0242	0.0591
15	-2.60	0.0058	0.0225	15	-2.60	0.	0.	15	-2.20	0.0301	0.0891
16	-2.50	0.0086	0.0311	16	-2.50	0.	0.	16	-2.00	0.0385	0.1276
17	-2.40	0.0099	0.0410	17	-2.40	0.	0.	17	-1.80	0.0428	0.1704
18	-2.30	0.0118	0.0528	18	-2.30	0.	0.	18	-1.60	0.0422	0.2126
19	-2.20	0.0139	0.0667	19	-2.20	0.	0.	19	-1.40	0.0430	0.2556
20	-2.10	0.0165	0.0832	20	-2.10	0.	0.	20	-1.20	0.0412	0.2968
21	-2.00	0.0184	0.1016	21	-2.00	0.	0.	21	-1.00	0.0366	0.3334
22	-1.90	0.0214	0.1231	22	-1.90	0.	0.	22	-0.80	0.0362	0.3696
23	-1.80	0.0230	0.1461	23	-1.80	0.	0.	23	-0.60	0.0336	0.4032
24	-1.70	0.0238	0.1699	24	-1.70	0.	0.	24	-0.40	0.0325	0.4357
25	-1.60	0.0224	0.1923	25	-1.60	0.	0.	25	-0.20	0.0302	0.4660
26	-1.50	0.0223	0.2145	26	-1.50	0.	0.	26	0.	0.0303	0.4962
27	-1.40	0.0219	0.2364	27	-1.40	0.	0.	27	0.20	0.0325	0.5288
28	-1.30	0.0229	0.2593	28	-1.30	0.0001	0.0001	28	0.40	0.0320	0.5607
29	-1.20	0.0214	0.2807	29	-1.20	0.0002	0.0003	29	0.60	0.0316	0.5924
30	-1.10	0.0205	0.3012	30	-1.10	0.0002	0.0006	30	0.80	0.0328	0.6252
31	-1.00	0.0190	0.3202	31	-1.00	0.0010	0.0016	31	1.00	0.0357	0.6608
32	-0.90	0.0166	0.3368	32	-0.90	0.0012	0.0028	32	1.20	0.0362	0.6970
33	-0.80	0.0171	0.3539	33	-0.80	0.0035	0.0063	33	1.40	0.0378	0.7349
34	-0.70	0.0173	0.3713	34	-0.70	0.0068	0.0131	34	1.60	0.0412	0.7760
35	-0.60	0.0133	0.3846	35	-0.60	0.0196	0.0327	35	1.80	0.0397	0.8158
36	-0.50	0.0155	0.4001	36	-0.50	0.0405	0.0732	36	2.00	0.0357	0.8515
37	-0.40	0.0176	0.4177	37	-0.40	0.0680	0.1413	37	2.20	0.0365	0.8881
38	-0.30	0.0141	0.4318	38	-0.30	0.1063	0.2475	38	2.40	0.0347	0.9228
39	-0.20	0.0153	0.4471	39	-0.20	0.1452	0.3927	39	2.60	0.0253	0.9481
40	-0.10	0.0156	0.4627	40	-0.10	0.1643	0.5570	40	2.80	0.0190	0.9671
41	0.	0.0146	0.4773	41	0.	0.1478	0.7048	41	3.00	0.0144	0.9815
42	0.10	0.0148	0.4921	42	0.10	0.1133	0.8181	42	3.20	0.0084	0.9899
43	0.20	0.0151	0.5072	43	0.20	0.0728	0.8909	43	3.40	0.0051	0.9950
44	0.30	0.0152	0.5223	44	0.30	0.0484	0.9393	44	3.60	0.0027	0.9978
45	0.40	0.0150	0.5373	45	0.40	0.0266	0.9659	45	3.80	0.0010	0.9988
46	0.50	0.0143	0.5516	46	0.50	0.0136	0.9795	46	4.00	0.0006	0.9994
47	0.60	0.0162	0.5678	47	0.60	0.0056	0.9851	47	4.20	0.0006	1.0000
48	0.70	0.0151	0.5829	48	0.70	0.0055	0.9907	48	4.40	0.	1.0000
49	0.80	0.0150	0.5979	49	0.80	0.0033	0.9942	49	4.60	0.	1.0000
50	0.90	0.0152	0.6131	50	0.90	0.0019	0.9962	50	4.80	0.	1.0000
51	1.00	0.0174	0.6305	51	1.00	0.0010	0.9971	51	5.00	0.	1.0000
52	1.10	0.0166	0.6471	52	1.10	0.0014	0.9985	52	5.20	0.	1.0000
53	1.20	0.0162	0.6633	53	1.20	0.0007	0.9992	53	5.40	0.	1.0000
54	1.30	0.0208	0.6841	54	1.30	0.0002	0.9994	54	5.60	0.	1.0000
55	1.40	0.0185	0.7027	55	1.40	0.0002	0.9997	55	5.80	0.	1.0000
56	1.50	0.0187	0.7214	56	1.50	0.0002	0.9998	56	6.00	0.	1.0000
57	1.60	0.0211	0.7425	57	1.60	0.	0.9998	57	6.20	0.	1.0000
58	1.70	0.0203	0.7628	58	1.70	0.0002	1.0000	58	6.40	0.	1.0000
59	1.80	0.0184	0.7812	59	1.80	0.	1.0000	59	6.60	0.	1.0000
60	1.90	0.0202	0.8015	60	1.90	0.	1.0000	60	6.80	0.	1.0000
61	2.00	0.0192	0.8206	61	2.00	0.	1.0000	61	7.00	0.	1.0000
62	2.10	0.0196	0.8402	62	2.10	0.	1.0000				
63	2.20	0.0202	0.8604	63	2.20	0.	1.0000				
64	2.30	0.0187	0.8792	64	2.30	0.	1.0000				
65	2.40	0.0163	0.8955	65	2.40	0.	1.0000				
66	2.50	0.0173	0.9127	66	2.50	0.	1.0000				
67	2.60	0.0154	0.9281	67	2.60	0.	1.0000				
68	2.70	0.0158	0.9439	68	2.70	0.	1.0000				
69	2.80	0.0126	0.9565	69	2.80	0.	1.0000				
70	2.90	0.0103	0.9668	70	2.90	0.	1.0000				
71	3.00	0.0081	0.9749	71	3.00	0.	1.0000				
72	3.10	0.0078	0.9827	72	3.10	0.	1.0000				
73	3.20	0.0043	0.9869	73	3.20	0.	1.0000				
74	3.30	0.0035	0.9904	74	3.30	0.	1.0000				
75	3.40	0.0028	0.9932	75	3.40	0.	1.0000				
76	3.50	0.0023	0.9955	76	3.50	0.	1.0000				
77	3.60	0.0018	0.9973	77	3.60	0.	1.0000				
78	3.70	0.0019	0.9992	78	3.70	0.	1.0000				
79	3.80	0.0005	0.9997	79	3.80	0.	1.0000				
80	3.90	0.0001	0.9998	80	3.90	0.	1.0000				
81	4.00	0.0002	1.0000	81	4.00	0.	1.0000				

I - INTERVAL NUMBER X - INTERVAL CENTER VALUE

P(X) - PROBABILITY MASS FUNCTION F(X) - CUMULATIVE DISTRIBUTION FUNCTION

SANDY HOOK N.J.

STATISTICS FOR SEPTEMBER

ASTRONOMICAL TIDE				STORM SURGE				TOTAL WATER LEVEL			
MEAN 0.22		STND DEV 1.69		MEAN-0.04		STND DEV 0.36		MEAN 0.17		STND DEV 1.66	
I	X	P(X)	F(X)	I	X	P(X)	F(X)	I	X	P(X)	F(X)
1	-4.00	0.	0.	1	-4.00	0.	0.	1	-5.00	0.	0.
2	-3.90	0.	0.	2	-3.90	0.	0.	2	-4.80	0.	0.
3	-3.80	0.	0.	3	-3.80	0.	0.	3	-4.60	0.	0.
4	-3.70	0.	0.	4	-3.70	0.	0.	4	-4.40	0.	0.
5	-3.60	0.	0.	5	-3.60	0.	0.	5	-4.20	0.	0.
6	-3.50	0.	0.	6	-3.50	0.	0.	6	-4.00	0.	0.
7	-3.40	0.0002	0.0002	7	-3.40	0.	0.	7	-3.80	0.0002	0.0002
8	-3.30	0.0006	0.0007	8	-3.30	0.	0.	8	-3.60	0.0007	0.0008
9	-3.20	0.0013	0.0020	9	-3.20	0.	0.	9	-3.40	0.0018	0.0026
10	-3.10	0.0020	0.0041	10	-3.10	0.	0.	10	-3.20	0.0038	0.0064
11	-3.00	0.0031	0.0072	11	-3.00	0.	0.	11	-3.00	0.0061	0.0126
12	-2.90	0.0043	0.0115	12	-2.90	0.	0.	12	-2.80	0.0099	0.0224
13	-2.80	0.0039	0.0154	13	-2.80	0.	0.	13	-2.60	0.0147	0.0371
14	-2.70	0.0054	0.0208	14	-2.70	0.	0.	14	-2.40	0.0218	0.0589
15	-2.60	0.0069	0.0277	15	-2.60	0.	0.	15	-2.20	0.0247	0.0836
16	-2.50	0.0071	0.0348	16	-2.50	0.	0.	16	-2.00	0.0326	0.1162
17	-2.40	0.0105	0.0453	17	-2.40	0.	0.	17	-1.80	0.0369	0.1531
18	-2.30	0.0121	0.0574	18	-2.30	0.	0.	18	-1.60	0.0449	0.1980
19	-2.20	0.0149	0.0722	19	-2.20	0.	0.	19	-1.40	0.0437	0.2417
20	-2.10	0.0166	0.0888	20	-2.10	0.	0.	20	-1.20	0.0420	0.2837
21	-2.00	0.0172	0.1060	21	-2.00	0.0001	0.0001	21	-1.00	0.0406	0.3242
22	-1.90	0.0187	0.1248	22	-1.90	0.	0.0001	22	-0.80	0.0358	0.3600
23	-1.80	0.0206	0.1453	23	-1.80	0.0001	0.0002	23	-0.60	0.0326	0.3926
24	-1.70	0.0212	0.1665	24	-1.70	0.	0.0002	24	-0.40	0.0328	0.4254
25	-1.60	0.0228	0.1893	25	-1.60	0.	0.0002	25	-0.20	0.0333	0.4587
26	-1.50	0.0224	0.2117	26	-1.50	0.0001	0.0003	26	0.	0.0324	0.4911
27	-1.40	0.0220	0.2337	27	-1.40	0.0004	0.0007	27	0.20	0.0331	0.5242
28	-1.30	0.0212	0.2549	28	-1.30	0.0002	0.0008	28	0.40	0.0296	0.5538
29	-1.20	0.0228	0.2777	29	-1.20	0.0004	0.0012	29	0.60	0.0329	0.5867
30	-1.10	0.0217	0.2994	30	-1.10	0.0010	0.0022	30	0.80	0.0356	0.6223
31	-1.00	0.0170	0.3163	31	-1.00	0.0020	0.0042	31	1.00	0.0356	0.6579
32	-0.90	0.0198	0.3361	32	-0.90	0.0057	0.0099	32	1.20	0.0391	0.6970
33	-0.80	0.0167	0.3528	33	-0.80	0.0082	0.0180	33	1.40	0.0363	0.7333
34	-0.70	0.0161	0.3689	34	-0.70	0.0140	0.0320	34	1.60	0.0385	0.7720
35	-0.60	0.0172	0.3861	35	-0.60	0.0235	0.0555	35	1.80	0.0432	0.8152
36	-0.50	0.0162	0.4023	36	-0.50	0.0383	0.0938	36	2.00	0.0372	0.8524
37	-0.40	0.0154	0.4177	37	-0.40	0.0664	0.1603	37	2.20	0.0350	0.8874
38	-0.30	0.0150	0.4328	38	-0.30	0.0962	0.2564	38	2.40	0.0328	0.9202
39	-0.20	0.0130	0.4458	39	-0.20	0.1192	0.3757	39	2.60	0.0247	0.9449
40	-0.10	0.0155	0.4613	40	-0.10	0.1414	0.5170	40	2.80	0.0176	0.9625
41	0.	0.0150	0.4763	41	0.	0.1367	0.6537	41	3.00	0.0146	0.9771
42	0.10	0.0166	0.4929	42	0.10	0.1056	0.7593	42	3.20	0.0094	0.9865
43	0.20	0.0151	0.5080	43	0.20	0.0786	0.8379	43	3.40	0.0074	0.9940
44	0.30	0.0157	0.5237	44	0.30	0.0526	0.8904	44	3.60	0.0027	0.9967
45	0.40	0.0131	0.5368	45	0.40	0.0331	0.9236	45	3.80	0.0017	0.9983
46	0.50	0.0159	0.5526	46	0.50	0.0232	0.9467	46	4.00	0.0006	0.9989
47	0.60	0.0141	0.5668	47	0.60	0.0167	0.9634	47	4.20	0.0004	0.9993
48	0.70	0.0162	0.5829	48	0.70	0.0100	0.9734	48	4.40	0.0007	0.9999
49	0.80	0.0166	0.5995	49	0.80	0.0075	0.9809	49	4.60	0.0001	1.0000
50	0.90	0.0155	0.6150	50	0.90	0.0057	0.9866	50	4.80	0.	1.0000
51	1.00	0.0163	0.6313	51	1.00	0.0028	0.9894	51	5.00	0.	1.0000
52	1.10	0.0179	0.6492	52	1.10	0.0023	0.9917	52	5.20	0.	1.0000
53	1.20	0.0166	0.6658	53	1.20	0.0013	0.9930	53	5.40	0.	1.0000
54	1.30	0.0190	0.6847	54	1.30	0.0011	0.9941	54	5.60	0.	1.0000
55	1.40	0.0207	0.7054	55	1.40	0.0017	0.9958	55	5.80	0.	1.0000
56	1.50	0.0183	0.7237	56	1.50	0.0010	0.9968	56	6.00	0.	1.0000
57	1.60	0.0201	0.7438	57	1.60	0.0005	0.9973	57	6.20	0.	1.0000
58	1.70	0.0194	0.7632	58	1.70	0.0010	0.9983	58	6.40	0.	1.0000
59	1.80	0.0197	0.7829	59	1.80	0.0007	0.9990	59	6.60	0.	1.0000
60	1.90	0.0177	0.8007	60	1.90	0.0003	0.9993	60	6.80	0.	1.0000
61	2.00	0.0205	0.8212	61	2.00	0.0003	0.9995	61	7.00	0.	1.0000
62	2.10	0.0186	0.8397	62	2.10	0.0001	0.9996				
63	2.20	0.0177	0.8574	63	2.20	0.0002	0.9998				
64	2.30	0.0204	0.8778	64	2.30	0.0001	0.9999				
65	2.40	0.0182	0.8960	65	2.40	0.0001	1.0000				
66	2.50	0.0185	0.9145	66	2.50	0.	1.0000				
67	2.60	0.0163	0.9307	67	2.60	0.	1.0000				
68	2.70	0.0132	0.9439	68	2.70	0.	1.0000				
69	2.80	0.0122	0.9561	69	2.80	0.	1.0000				
70	2.90	0.0099	0.9659	70	2.90	0.	1.0000				
71	3.00	0.0078	0.9738	71	3.00	0.	1.0000				
72	3.10	0.0057	0.9795	72	3.10	0.	1.0000				
73	3.20	0.0056	0.9851	73	3.20	0.	1.0000				
74	3.30	0.0044	0.9895	74	3.30	0.	1.0000				
75	3.40	0.0040	0.9935	75	3.40	0.	1.0000				
76	3.50	0.0026	0.9961	76	3.50	0.	1.0000				
77	3.60	0.0021	0.9982	77	3.60	0.	1.0000				
78	3.70	0.0011	0.9994	78	3.70	0.	1.0000				
79	3.80	0.0005	0.9998	79	3.80	0.	1.0000				
80	3.90	0.0002	1.0000	80	3.90	0.	1.0000				
81	4.00	0.	1.0000	81	4.00	0.	1.0000				

I - INTERVAL NUMBER X - INTERVAL CENTER VALUE

P(X) - PROBABILITY MASS FUNCTION F(X) - CUMULATIVE DISTRIBUTION FUNCTION

SANDY HOOK N.J.

STATISTICS FOR OCTOBER

ASTRONOMICAL TIDE				STORM SURGE				TOTAL WATER LEVEL			
MEAN 0.12		STND DEV 1.70		MEAN 0.04		STND DEV 0.58		MEAN 0.15		STND DEV 1.73	
I	X	P(X)	F(X)	I	X	P(X)	F(X)	I	X	P(X)	F(X)
1	-4.00	0.	0.	1	-4.00	0.	0.	1	-5.00	0.	0.
2	-3.90	0.	0.	2	-3.90	0.	0.	2	-4.80	0.	0.
3	-3.80	0.	0.	3	-3.80	0.	0.	3	-4.60	0.0001	0.0001
4	-3.70	0.	0.	4	-3.70	0.	0.	4	-4.40	0.0001	0.0002
5	-3.60	0.	0.	5	-3.60	0.	0.	5	-4.20	0.0002	0.0004
6	-3.50	0.	0.	6	-3.50	0.	0.	6	-4.00	0.0006	0.0010
7	-3.40	0.0003	0.0003	7	-3.40	0.	0.	7	-3.80	0.0006	0.0017
8	-3.30	0.0005	0.0008	8	-3.30	0.	0.	8	-3.60	0.0018	0.0035
9	-3.20	0.0022	0.0030	9	-3.20	0.	0.	9	-3.40	0.0032	0.0067
10	-3.10	0.0026	0.0056	10	-3.10	0.	0.	10	-3.20	0.0041	0.0108
11	-3.00	0.0044	0.0100	11	-3.00	0.	0.	11	-3.00	0.0078	0.0187
12	-2.90	0.0059	0.0159	12	-2.90	0.	0.	12	-2.80	0.0138	0.0324
13	-2.80	0.0056	0.0215	13	-2.80	0.	0.	13	-2.60	0.0166	0.0490
14	-2.70	0.0077	0.0292	14	-2.70	0.	0.	14	-2.40	0.0240	0.0730
15	-2.60	0.0084	0.0376	15	-2.60	0.	0.	15	-2.20	0.0308	0.1037
16	-2.50	0.0099	0.0474	16	-2.50	0.	0.	16	-2.00	0.0322	0.1359
17	-2.40	0.0131	0.0606	17	-2.40	0.	0.	17	-1.80	0.0360	0.1719
18	-2.30	0.0163	0.0768	18	-2.30	0.	0.	18	-1.60	0.0392	0.2111
19	-2.20	0.0155	0.0923	19	-2.20	0.0002	0.0002	19	-1.40	0.0375	0.2486
20	-2.10	0.0177	0.1100	20	-2.10	0.0003	0.0005	20	-1.20	0.0379	0.2865
21	-2.00	0.0196	0.1296	21	-2.00	0.0003	0.0008	21	-1.00	0.0378	0.3243
22	-1.90	0.0170	0.1466	22	-1.90	0.0003	0.0011	22	-0.80	0.0363	0.3606
23	-1.80	0.0212	0.1678	23	-1.80	0.0007	0.0018	23	-0.60	0.0336	0.3942
24	-1.70	0.0192	0.1870	24	-1.70	0.0006	0.0025	24	-0.40	0.0342	0.4285
25	-1.60	0.0219	0.2089	25	-1.60	0.0013	0.0038	25	-0.20	0.0319	0.4603
26	-1.50	0.0224	0.2313	26	-1.50	0.0023	0.0061	26	0.	0.0337	0.4940
27	-1.40	0.0223	0.2536	27	-1.40	0.0031	0.0092	27	0.20	0.0308	0.5248
28	-1.30	0.0215	0.2751	28	-1.30	0.0032	0.0123	28	0.40	0.0336	0.5584
29	-1.20	0.0191	0.2942	29	-1.20	0.0044	0.0168	29	0.60	0.0346	0.5931
30	-1.10	0.0206	0.3148	30	-1.10	0.0049	0.0217	30	0.80	0.0341	0.6271
31	-1.00	0.0185	0.3333	31	-1.00	0.0070	0.0287	31	1.00	0.0353	0.6625
32	-0.90	0.0187	0.3521	32	-0.90	0.0100	0.0387	32	1.20	0.0354	0.7008
33	-0.80	0.0158	0.3678	33	-0.80	0.0130	0.0517	33	1.40	0.0372	0.7381
34	-0.70	0.0175	0.3853	34	-0.70	0.0217	0.0735	34	1.60	0.0382	0.7763
35	-0.60	0.0142	0.3995	35	-0.60	0.0319	0.1053	35	1.80	0.0368	0.8130
36	-0.50	0.0159	0.4154	36	-0.50	0.0469	0.1522	36	2.00	0.0343	0.8473
37	-0.40	0.0149	0.4303	37	-0.40	0.0644	0.2166	37	2.20	0.0340	0.8813
38	-0.30	0.0148	0.4450	38	-0.30	0.0786	0.2952	38	2.40	0.0282	0.9095
39	-0.20	0.0170	0.4620	39	-0.20	0.0863	0.3814	39	2.60	0.0233	0.9328
40	-0.10	0.0156	0.4776	40	-0.10	0.0930	0.4744	40	2.80	0.0183	0.9511
41	0.	0.0134	0.4910	41	0.	0.0963	0.5707	41	3.00	0.0140	0.9651
42	0.10	0.0149	0.5058	42	0.10	0.0764	0.6471	42	3.20	0.0117	0.9768
43	0.20	0.0150	0.5208	43	0.20	0.0675	0.7147	43	3.40	0.0088	0.9856
44	0.30	0.0152	0.5361	44	0.30	0.0550	0.7696	44	3.60	0.0050	0.9906
45	0.40	0.0149	0.5509	45	0.40	0.0478	0.8174	45	3.80	0.0036	0.9942
46	0.50	0.0157	0.5666	46	0.50	0.0369	0.8543	46	4.00	0.0015	0.9957
47	0.60	0.0153	0.5819	47	0.60	0.0283	0.8826	47	4.20	0.0015	0.9972
48	0.70	0.0154	0.5973	48	0.70	0.0206	0.9032	48	4.40	0.0008	0.9979
49	0.80	0.0169	0.6142	49	0.80	0.0188	0.9220	49	4.60	0.0006	0.9985
50	0.90	0.0150	0.6292	50	0.90	0.0143	0.9363	50	4.80	0.0006	0.9991
51	1.00	0.0172	0.6464	51	1.00	0.0129	0.9512	51	5.00	0.0003	0.9994
52	1.10	0.0174	0.6638	52	1.10	0.0084	0.9596	52	5.20	0.0003	0.9998
53	1.20	0.0188	0.6826	53	1.20	0.0070	0.9666	53	5.40	0.0002	0.9999
54	1.30	0.0211	0.7036	54	1.30	0.0055	0.9720	54	5.60	0.	0.9999
55	1.40	0.0211	0.7247	55	1.40	0.0043	0.9763	55	5.80	0.0001	1.0000
56	1.50	0.0195	0.7442	56	1.50	0.0044	0.9806	56	6.00	0.	1.0000
57	1.60	0.0190	0.7632	57	1.60	0.0030	0.9836	57	6.20	0.	1.0000
58	1.70	0.0164	0.7796	58	1.70	0.0029	0.9865	58	6.40	0.	1.0000
59	1.80	0.0216	0.8012	59	1.80	0.0021	0.9885	59	6.60	0.	1.0000
60	1.90	0.0202	0.8214	60	1.90	0.0017	0.9903	60	6.80	0.	1.0000
61	2.00	0.0191	0.8405	61	2.00	0.0027	0.9930	61	7.00	0.	1.0000
62	2.10	0.0185	0.8590	62	2.10	0.0017	0.9947				
63	2.20	0.0190	0.8781	63	2.20	0.0015	0.9962				
64	2.30	0.0182	0.8962	64	2.30	0.0005	0.9967				
65	2.40	0.0166	0.9129	65	2.40	0.0007	0.9974				
66	2.50	0.0148	0.9276	66	2.50	0.0009	0.9983				
67	2.60	0.0121	0.9397	67	2.60	0.0004	0.9987				
68	2.70	0.0114	0.9511	68	2.70	0.0004	0.9990				
69	2.80	0.0103	0.9614	69	2.80	0.0004	0.9994				
70	2.90	0.0080	0.9694	70	2.90	0.0002	0.9996				
71	3.00	0.0069	0.9763	71	3.00	0.0001	0.9997				
72	3.10	0.0053	0.9816	72	3.10	0.	0.9997				
73	3.20	0.0054	0.9869	73	3.20	0.	0.9997				
74	3.30	0.0038	0.9907	74	3.30	0.0001	0.9998				
75	3.40	0.0026	0.9934	75	3.40	0.	0.9998				
76	3.50	0.0024	0.9957	76	3.50	0.0002	0.9999				
77	3.60	0.0016	0.9973	77	3.60	0.	0.9999				
78	3.70	0.0015	0.9988	78	3.70	0.0001	1.0000				
79	3.80	0.0005	0.9993	79	3.80	0.	1.0000				
80	3.90	0.0007	1.0000	80	3.90	0.	1.0000				
81	4.00	0.	1.0000	81	4.00	0.	1.0000				

I - INTERVAL NUMBER X - INTERVAL CENTER VALUE

P(X) - PROBABILITY MASS FUNCTION F(X) - CUMULATIVE DISTRIBUTION FUNCTION

SANDY HOOK N.J.

STATISTICS FOR NOVEMBER

ASTPONOMICAL TIDE

MEAN-0.05 STND DEV 1.69

I	X	P(X)	F(X)
1	-4.00	0.	0.
2	-3.90	0.	0.
3	-3.80	0.	0.
4	-3.70	0.	0.
5	-3.60	0.0001	0.0001
6	-3.50	0.0001	0.0002
7	-3.40	0.0012	0.0014
8	-3.30	0.0021	0.0035
9	-3.20	0.0037	0.0072
10	-3.10	0.0047	0.0119
11	-3.00	0.0056	0.0174
12	-2.90	0.0060	0.0235
13	-2.80	0.0081	0.0316
14	-2.70	0.0103	0.0419
15	-2.60	0.0110	0.0529
16	-2.50	0.0151	0.0679
17	-2.40	0.0167	0.0847
18	-2.30	0.0192	0.1039
19	-2.20	0.0191	0.1229
20	-2.10	0.0189	0.1418
21	-2.00	0.0210	0.1628
22	-1.90	0.0219	0.1847
23	-1.80	0.0227	0.2074
24	-1.70	0.0211	0.2285
25	-1.60	0.0205	0.2489
26	-1.50	0.0219	0.2708
27	-1.40	0.0198	0.2907
28	-1.30	0.0199	0.3106
29	-1.20	0.0184	0.3289
30	-1.10	0.0178	0.3467
31	-1.00	0.0176	0.3643
32	-0.90	0.0161	0.3803
33	-0.80	0.0156	0.3959
34	-0.70	0.0150	0.4109
35	-0.60	0.0159	0.4268
36	-0.50	0.0164	0.4431
37	-0.40	0.0147	0.4578
38	-0.30	0.0160	0.4738
39	-0.20	0.0147	0.4884
40	-0.10	0.0146	0.5030
41	0.	0.0143	0.5173
42	0.10	0.0134	0.5307
43	0.20	0.0145	0.5452
44	0.30	0.0167	0.5619
45	0.40	0.0159	0.5778
46	0.50	0.0144	0.5921
47	0.60	0.0170	0.6091
48	0.70	0.0163	0.6254
49	0.80	0.0171	0.6425
50	0.90	0.0156	0.6581
51	1.00	0.0179	0.6760
52	1.10	0.0199	0.6959
53	1.20	0.0199	0.7158
54	1.30	0.0181	0.7339
55	1.40	0.0224	0.7563
56	1.50	0.0222	0.7785
57	1.60	0.0226	0.8011
58	1.70	0.0203	0.8214
59	1.80	0.0224	0.8438
60	1.90	0.0214	0.8652
61	2.00	0.0168	0.8820
62	2.10	0.0151	0.8972
63	2.20	0.0159	0.9130
64	2.30	0.0136	0.9266
65	2.40	0.0117	0.9384
66	2.50	0.0098	0.9482
67	2.60	0.0100	0.9581
68	2.70	0.0083	0.9664
69	2.80	0.0061	0.9725
70	2.90	0.0052	0.9776
71	3.00	0.0044	0.9820
72	3.10	0.0042	0.9862
73	3.20	0.0026	0.9888
74	3.30	0.0022	0.9910
75	3.40	0.0029	0.9938
76	3.50	0.0021	0.9959
77	3.60	0.0016	0.9975
78	3.70	0.0014	0.9989
79	3.80	0.0007	0.9996
80	3.90	0.0004	1.0000
81	4.00	0.	1.0000

STORM SURGE

MEAN 0.07 STND DEV 0.67

I	X	P(X)	F(X)
1	-4.00	0.	0.
2	-3.90	0.	0.
3	-3.80	0.	0.
4	-3.70	0.	0.
5	-3.60	0.	0.
6	-3.50	0.	0.
7	-3.40	0.	0.
8	-3.30	0.	0.
9	-3.20	0.	0.
10	-3.10	0.	0.
11	-3.00	0.	0.
12	-2.90	0.0002	0.0002
13	-2.80	0.0002	0.0004
14	-2.70	0.0005	0.0009
15	-2.60	0.0004	0.0012
16	-2.50	0.0005	0.0017
17	-2.40	0.0008	0.0025
18	-2.30	0.0009	0.0034
19	-2.20	0.0005	0.0039
20	-2.10	0.0010	0.0049
21	-2.00	0.0012	0.0061
22	-1.90	0.0014	0.0075
23	-1.80	0.0013	0.0088
24	-1.70	0.0015	0.0103
25	-1.60	0.0022	0.0126
26	-1.50	0.0034	0.0160
27	-1.40	0.0039	0.0199
28	-1.30	0.0069	0.0268
29	-1.20	0.0085	0.0353
30	-1.10	0.0078	0.0431
31	-1.00	0.0109	0.0540
32	-0.90	0.0140	0.0681
33	-0.80	0.0155	0.0836
34	-0.70	0.0226	0.1062
35	-0.60	0.0276	0.1337
36	-0.50	0.0359	0.1696
37	-0.40	0.0439	0.2135
38	-0.30	0.0538	0.2673
39	-0.20	0.0677	0.3350
40	-0.10	0.0737	0.4086
41	0.	0.0778	0.4864
42	0.10	0.0817	0.5681
43	0.20	0.0718	0.6399
44	0.30	0.0640	0.7039
45	0.40	0.0617	0.7656
46	0.50	0.0515	0.8171
47	0.60	0.0380	0.8550
48	0.70	0.0332	0.8882
49	0.80	0.0227	0.9109
50	0.90	0.0168	0.9277
51	1.00	0.0149	0.9426
52	1.10	0.0110	0.9536
53	1.20	0.0098	0.9634
54	1.30	0.0083	0.9716
55	1.40	0.0062	0.9778
56	1.50	0.0049	0.9827
57	1.60	0.0035	0.9862
58	1.70	0.0021	0.9883
59	1.80	0.0018	0.9901
60	1.90	0.0014	0.9914
61	2.00	0.0015	0.9929
62	2.10	0.0013	0.9942
63	2.20	0.0006	0.9948
64	2.30	0.0002	0.9951
65	2.40	0.0003	0.9954
66	2.50	0.0003	0.9957
67	2.60	0.0004	0.9961
68	2.70	0.0003	0.9964
69	2.80	0.	0.9964
70	2.90	0.0005	0.9968
71	3.00	0.0005	0.9973
72	3.10	0.0002	0.9975
73	3.20	0.0002	0.9976
74	3.30	0.	0.9976
75	3.40	0.0002	0.9978
76	3.50	0.0001	0.9978
77	3.60	0.0003	0.9982
78	3.70	0.0001	0.9982
79	3.80	0.	0.9982
80	3.90	0.	0.9982
81	4.00	0.0001	0.9983

TOTAL WATER LEVEL

MEAN 0.02 STND DEV 1.77

I	X	P(X)	F(X)
1	-5.00	0.	0.
2	-4.80	0.0004	0.0004
3	-4.60	0.0002	0.0005
4	-4.40	0.0005	0.0011
5	-4.20	0.0012	0.0022
6	-4.00	0.0019	0.0041
7	-3.80	0.0022	0.0063
8	-3.60	0.0036	0.0100
9	-3.40	0.0041	0.0140
10	-3.20	0.0073	0.0213
11	-3.00	0.0116	0.0329
12	-2.80	0.0174	0.0503
13	-2.60	0.0218	0.0722
14	-2.40	0.0256	0.0978
15	-2.20	0.0315	0.1292
16	-2.00	0.0340	0.1632
17	-1.80	0.0379	0.2011
18	-1.60	0.0372	0.2383
19	-1.40	0.0401	0.2783
20	-1.20	0.0354	0.3137
21	-1.00	0.0370	0.3508
22	-0.80	0.0334	0.3842
23	-0.60	0.0329	0.4171
24	-0.40	0.0317	0.4488
25	-0.20	0.0337	0.4825
26	0.	0.0330	0.5154
27	0.20	0.0330	0.5484
28	0.40	0.0330	0.5813
29	0.60	0.0314	0.6127
30	0.80	0.0364	0.6492
31	1.00	0.0353	0.6844
32	1.20	0.0414	0.7259
33	1.40	0.0370	0.7628
34	1.60	0.0330	0.7958
35	1.80	0.0390	0.8348
36	2.00	0.0324	0.8672
37	2.20	0.0286	0.8958
38	2.40	0.0269	0.9227
39	2.60	0.0190	0.9417
40	2.80	0.0158	0.9575
41	3.00	0.0124	0.9699
42	3.20	0.0095	0.9794
43	3.40	0.0063	0.9857
44	3.60	0.0045	0.9901
45	3.80	0.0028	0.9929
46	4.00	0.0023	0.9952
47	4.20	0.0013	0.9965
48	4.40	0.0012	0.9978
49	4.60	0.0002	0.9980
50	4.80	0.0006	0.9986
51	5.00	0.0002	0.9988
52	5.20	0.0002	0.9990
53	5.40	0.0001	0.9991
54	5.60	0.	0.9991
55	5.80	0.	0.9991
56	6.00	0.0002	0.9992
57	6.20	0.0002	0.9994
58	6.40	0.0001	0.9995
59	6.60	0.0001	0.9995
60	6.80	0.0002	0.9997
61	7.00	0.0002	0.9998

I - INTERVAL NUMBER X - INTERVAL CENTER VALUE

P(X) - PROBABILITY MASS FUNCTION F(X) - CUMULATIVE DISTRIBUTION FUNCTION

SANDY HOOK N.J.

STATISTICS FOR DECEMBER

ASTRONOMICAL TIDE				STORM SURGE				TOTAL WATER LEVEL			
MEAN-0.22		STND DEV 1.68		MEAN 0.03		STND DEV 0.75		MEAN-0.19		STND DEV 1.79	
I	X	P(X)	F(X)	I	X	P(X)	F(X)	I	X	P(X)	F(X)
1	-4.00	0.	0.	1	-4.00	0.	0.0003	1	-5.00	0.0002	0.0008
2	-3.90	0.	0.	2	-3.90	0.	0.0003	2	-4.80	0.0007	0.0014
3	-3.80	0.0001	0.0001	3	-3.80	0.0002	0.0005	3	-4.60	0.0007	0.0021
4	-3.70	0.0002	0.0003	4	-3.70	0.0002	0.0007	4	-4.40	0.0011	0.0032
5	-3.60	0.0008	0.0010	5	-3.60	0.0002	0.0008	5	-4.20	0.0027	0.0059
6	-3.50	0.0013	0.0023	6	-3.50	0.	0.0008	6	-4.00	0.0029	0.0088
7	-3.40	0.0025	0.0048	7	-3.40	0.	0.0008	7	-3.80	0.0061	0.0149
8	-3.30	0.0029	0.0076	8	-3.30	0.0002	0.0010	8	-3.60	0.0065	0.0213
9	-3.20	0.0035	0.0112	9	-3.20	0.0002	0.0012	9	-3.40	0.0087	0.0301
10	-3.10	0.0065	0.0176	10	-3.10	0.0002	0.0013	10	-3.20	0.0128	0.0428
11	-3.00	0.0080	0.0256	11	-3.00	0.0002	0.0015	11	-3.00	0.0176	0.0605
12	-2.90	0.0097	0.0353	12	-2.90	0.0003	0.0019	12	-2.80	0.0220	0.0825
13	-2.80	0.0095	0.0448	13	-2.80	0.0003	0.0022	13	-2.60	0.0225	0.1050
14	-2.70	0.0150	0.0597	14	-2.70	0.0004	0.0026	14	-2.40	0.0294	0.1344
15	-2.60	0.0146	0.0743	15	-2.60	0.0008	0.0034	15	-2.20	0.0336	0.1680
16	-2.50	0.0183	0.0927	16	-2.50	0.0003	0.0036	16	-2.00	0.0338	0.2018
17	-2.40	0.0213	0.1139	17	-2.40	0.0012	0.0048	17	-1.80	0.0363	0.2381
18	-2.30	0.0210	0.1349	18	-2.30	0.0008	0.0055	18	-1.60	0.0367	0.2748
19	-2.20	0.0225	0.1574	19	-2.20	0.0012	0.0067	19	-1.40	0.0376	0.3123
20	-2.10	0.0238	0.1812	20	-2.10	0.0009	0.0076	20	-1.20	0.0369	0.3492
21	-2.00	0.0242	0.2054	21	-2.00	0.0021	0.0097	21	-1.00	0.0349	0.3841
22	-1.90	0.0224	0.2278	22	-1.90	0.0025	0.0123	22	-0.80	0.0316	0.4157
23	-1.80	0.0203	0.2481	23	-1.80	0.0031	0.0154	23	-0.60	0.0329	0.4486
24	-1.70	0.0200	0.2681	24	-1.70	0.0044	0.0197	24	-0.40	0.0349	0.4835
25	-1.60	0.0196	0.2876	25	-1.60	0.0040	0.0237	25	-0.20	0.0348	0.5182
26	-1.50	0.0201	0.3077	26	-1.50	0.0042	0.0279	26	0.	0.0302	0.5484
27	-1.40	0.0196	0.3273	27	-1.40	0.0056	0.0335	27	0.20	0.0315	0.5799
28	-1.30	0.0181	0.3454	28	-1.30	0.0097	0.0432	28	0.40	0.0344	0.6143
29	-1.20	0.0154	0.3607	29	-1.20	0.0123	0.0554	29	0.60	0.0366	0.6510
30	-1.10	0.0163	0.3770	30	-1.10	0.0130	0.0685	30	0.80	0.0372	0.6882
31	-1.00	0.0150	0.3920	31	-1.00	0.0157	0.0842	31	1.00	0.0362	0.7244
32	-0.90	0.0155	0.4074	32	-0.90	0.0205	0.1047	32	1.20	0.0360	0.7603
33	-0.80	0.0160	0.4234	33	-0.80	0.0253	0.1300	33	1.40	0.0361	0.7964
34	-0.70	0.0146	0.4380	34	-0.70	0.0275	0.1574	34	1.60	0.0371	0.8336
35	-0.60	0.0162	0.4542	35	-0.60	0.0306	0.1880	35	1.80	0.0314	0.8650
36	-0.50	0.0142	0.4684	36	-0.50	0.0370	0.2250	36	2.00	0.0316	0.8966
37	-0.40	0.0163	0.4847	37	-0.40	0.0405	0.2655	37	2.20	0.0230	0.9196
38	-0.30	0.0142	0.4989	38	-0.30	0.0512	0.3166	38	2.40	0.0194	0.9390
39	-0.20	0.0140	0.5129	39	-0.20	0.0549	0.3716	39	2.60	0.0160	0.9550
40	-0.10	0.0159	0.5288	40	-0.10	0.0659	0.4375	40	2.80	0.0130	0.9680
41	0.	0.0155	0.5444	41	0.	0.0660	0.5035	41	3.00	0.0088	0.9768
42	0.10	0.0129	0.5572	42	0.10	0.0665	0.5701	42	3.20	0.0078	0.9846
43	0.20	0.0161	0.5733	43	0.20	0.0675	0.6375	43	3.40	0.0052	0.9898
44	0.30	0.0161	0.5894	44	0.30	0.0576	0.6951	44	3.60	0.0036	0.9935
45	0.40	0.0147	0.6041	45	0.40	0.0479	0.7430	45	3.80	0.0029	0.9963
46	0.50	0.0152	0.6193	46	0.50	0.0405	0.7835	46	4.00	0.0013	0.9976
47	0.60	0.0161	0.6353	47	0.60	0.0389	0.8224	47	4.20	0.0009	0.9985
48	0.70	0.0162	0.6516	48	0.70	0.0323	0.8547	48	4.40	0.0006	0.9991
49	0.80	0.0168	0.6684	49	0.80	0.0277	0.8824	49	4.60	0.0003	0.9994
50	0.90	0.0194	0.6877	50	0.90	0.0235	0.9059	50	4.80	0.0003	0.9998
51	1.00	0.0190	0.7067	51	1.00	0.0183	0.9242	51	5.00	0.	0.9998
52	1.10	0.0199	0.7267	52	1.10	0.0153	0.9395	52	5.20	0.0002	0.9999
53	1.20	0.0241	0.7508	53	1.20	0.0132	0.9527	53	5.40	0.0001	1.0000
54	1.30	0.0237	0.7744	54	1.30	0.0080	0.9607	54	5.60	0.	1.0000
55	1.40	0.0240	0.7985	55	1.40	0.0070	0.9677	55	5.80	0.	1.0000
56	1.50	0.0220	0.8205	56	1.50	0.0056	0.9733	56	6.00	0.	1.0000
57	1.60	0.0221	0.8426	57	1.60	0.0043	0.9777	57	6.20	0.	1.0000
58	1.70	0.0202	0.8627	58	1.70	0.0054	0.9831	58	6.40	0.	1.0000
59	1.80	0.0179	0.8806	59	1.80	0.0034	0.9866	59	6.60	0.	1.0000
60	1.90	0.0175	0.8981	60	1.90	0.0029	0.9894	60	6.80	0.	1.0000
61	2.00	0.0162	0.9143	61	2.00	0.0033	0.9927	61	7.00	0.	1.0000
62	2.10	0.0109	0.9252	62	2.10	0.0018	0.9945				
63	2.20	0.0119	0.9372	63	2.20	0.0012	0.9956				
64	2.30	0.0100	0.9472	64	2.30	0.0011	0.9967				
65	2.40	0.0087	0.9558	65	2.40	0.0008	0.9975				
66	2.50	0.0083	0.9641	66	2.50	0.0008	0.9982				
67	2.60	0.0078	0.9719	67	2.60	0.0012	0.9994				
68	2.70	0.0047	0.9766	68	2.70	0.0003	0.9998				
69	2.80	0.0052	0.9818	69	2.80	0.0002	0.9999				
70	2.90	0.0034	0.9853	70	2.90	0.0001	1.0000				
71	3.00	0.0024	0.9877	71	3.00	0.	1.0000				
72	3.10	0.0033	0.9910	72	3.10	0.	1.0000				
73	3.20	0.0022	0.9932	73	3.20	0.	1.0000				
74	3.30	0.0024	0.9956	74	3.30	0.	1.0000				
75	3.40	0.0017	0.9972	75	3.40	0.	1.0000				
76	3.50	0.0016	0.9988	76	3.50	0.	1.0000				
77	3.60	0.0005	0.9993	77	3.60	0.	1.0000				
78	3.70	0.0006	0.9999	78	3.70	0.	1.0000				
79	3.80	0.0001	1.0000	79	3.80	0.	1.0000				
80	3.90	0.	1.0000	80	3.90	0.	1.0000				
81	4.00	0.	1.0000	81	4.00	0.	1.0000				

I - INTERVAL NUMBER X - INTERVAL CENTER VALUE

P(X) - PROBABILITY MASS FUNCTION F(X) - CUMULATIVE DISTPIBUTION FUNCTION

ATLANTIC CITY N.J.

YEARLY STATISTICS

ASTRONOMICAL TIDE MEAN 0.01 STND DEV 1.53				STORM SURGE MEAN 0.00 STND DEV 0.56				TOTAL WATER LEVEL MEAN 0.01 STND DEV 1.58			
I	X	P(X)	F(X)	I	X	P(X)	F(X)	I	X	P(X)	F(X)
1	-4.00	0.	0.	1	-4.00	0.	0.	1	-5.00	0.0001	0.0001
2	-3.90	0.	0.	2	-3.90	0.	0.	2	-4.80	0.0001	0.0002
3	-3.80	0.	0.	3	-3.80	0.	0.	3	-4.60	0.0001	0.0003
4	-3.70	0.	0.	4	-3.70	0.	0.	4	-4.40	0.0001	0.0004
5	-3.60	0.	0.	5	-3.60	0.	0.	5	-4.20	0.0004	0.0009
6	-3.50	0.0000	0.0000	6	-3.50	0.	0.	6	-4.00	0.0007	0.0015
7	-3.40	0.0001	0.0002	7	-3.40	0.	0.	7	-3.80	0.0010	0.0025
8	-3.30	0.0004	0.0005	8	-3.30	0.	0.	8	-3.60	0.0015	0.0040
9	-3.20	0.0007	0.0013	9	-3.20	0.0000	0.0000	9	-3.40	0.0029	0.0069
10	-3.10	0.0014	0.0027	10	-3.10	0.	0.0000	10	-3.20	0.0048	0.0117
11	-3.00	0.0023	0.0049	11	-3.00	0.0000	0.0001	11	-3.00	0.0067	0.0184
12	-2.90	0.0035	0.0084	12	-2.90	0.0001	0.0001	12	-2.80	0.0107	0.0290
13	-2.80	0.0047	0.0131	13	-2.80	0.0001	0.0002	13	-2.60	0.0151	0.0441
14	-2.70	0.0056	0.0187	14	-2.70	0.0002	0.0003	14	-2.40	0.0211	0.0652
15	-2.60	0.0070	0.0257	15	-2.60	0.0003	0.0006	15	-2.20	0.0257	0.0909
16	-2.50	0.0081	0.0339	16	-2.50	0.0003	0.0009	16	-2.00	0.0338	0.1247
17	-2.40	0.0111	0.0450	17	-2.40	0.0003	0.0011	17	-1.80	0.0373	0.1619
18	-2.30	0.0127	0.0576	18	-2.30	0.0004	0.0015	18	-1.60	0.0427	0.2046
19	-2.20	0.0151	0.0728	19	-2.20	0.0004	0.0020	19	-1.40	0.0438	0.2484
20	-2.10	0.0176	0.0903	20	-2.10	0.0007	0.0026	20	-1.20	0.0432	0.2916
21	-2.00	0.0194	0.1097	21	-2.00	0.0008	0.0034	21	-1.00	0.0416	0.3332
22	-1.90	0.0218	0.1315	22	-1.90	0.0009	0.0043	22	-0.80	0.0385	0.3717
23	-1.80	0.0223	0.1538	23	-1.80	0.0011	0.0053	23	-0.60	0.0375	0.4092
24	-1.70	0.0233	0.1771	24	-1.70	0.0015	0.0068	24	-0.40	0.0357	0.4449
25	-1.60	0.0240	0.2011	25	-1.60	0.0018	0.0086	25	-0.20	0.0366	0.4815
26	-1.50	0.0234	0.2244	26	-1.50	0.0021	0.0107	26	0.	0.0354	0.5169
27	-1.40	0.0239	0.2483	27	-1.40	0.0028	0.0135	27	0.20	0.0350	0.5519
28	-1.30	0.0222	0.2705	28	-1.30	0.0034	0.0169	28	0.40	0.0383	0.5902
29	-1.20	0.0222	0.2927	29	-1.20	0.0045	0.0213	29	0.60	0.0383	0.6285
30	-1.10	0.0208	0.3135	30	-1.10	0.0053	0.0267	30	0.80	0.0405	0.6690
31	-1.00	0.0195	0.3330	31	-1.00	0.0078	0.0345	31	1.00	0.0421	0.7112
32	-0.90	0.0195	0.3525	32	-0.90	0.0117	0.0462	32	1.20	0.0417	0.7529
33	-0.80	0.0193	0.3718	33	-0.80	0.0159	0.0621	33	1.40	0.0424	0.7953
34	-0.70	0.0174	0.3891	34	-0.70	0.0226	0.0847	34	1.60	0.0397	0.8351
35	-0.60	0.0174	0.4065	35	-0.60	0.0335	0.1182	35	1.80	0.0354	0.8704
36	-0.50	0.0172	0.4236	36	-0.50	0.0445	0.1627	36	2.00	0.0313	0.9017
37	-0.40	0.0165	0.4402	37	-0.40	0.0604	0.2231	37	2.20	0.0267	0.9284
38	-0.30	0.0164	0.4566	38	-0.30	0.0753	0.2984	38	2.40	0.0214	0.9497
39	-0.20	0.0168	0.4734	39	-0.20	0.0904	0.3888	39	2.60	0.0169	0.9666
40	-0.10	0.0161	0.4895	40	-0.10	0.0945	0.4832	40	2.80	0.0123	0.9789
41	0.	0.0159	0.5053	41	0.	0.0915	0.5747	41	3.00	0.0079	0.9868
42	0.10	0.0170	0.5224	42	0.10	0.0820	0.6567	42	3.20	0.0052	0.9920
43	0.20	0.0172	0.5396	43	0.20	0.0689	0.7256	43	3.40	0.0033	0.9953
44	0.30	0.0171	0.5566	44	0.30	0.0559	0.7815	44	3.60	0.0020	0.9972
45	0.40	0.0175	0.5742	45	0.40	0.0476	0.8291	45	3.80	0.0014	0.9986
46	0.50	0.0175	0.5917	46	0.50	0.0368	0.8660	46	4.00	0.0006	0.9992
47	0.60	0.0192	0.6109	47	0.60	0.0286	0.8946	47	4.20	0.0003	0.9995
48	0.70	0.0182	0.6291	48	0.70	0.0224	0.9169	48	4.40	0.0002	0.9997
49	0.80	0.0200	0.6490	49	0.80	0.0181	0.9350	49	4.60	0.0001	0.9998
50	0.90	0.0199	0.6689	50	0.90	0.0138	0.9488	50	4.80	0.0001	0.9999
51	1.00	0.0224	0.6914	51	1.00	0.0113	0.9601	51	5.00	0.0001	1.0000
52	1.10	0.0232	0.7146	52	1.10	0.0089	0.9690	52	5.20	0.0000	1.0000
53	1.20	0.0236	0.7382	53	1.20	0.0071	0.9761	53	5.40	0.0000	1.0000
54	1.30	0.0244	0.7625	54	1.30	0.0050	0.9811	54	5.60	0.0000	1.0000
55	1.40	0.0224	0.7849	55	1.40	0.0042	0.9853	55	5.80	0.	1.0000
56	1.50	0.0223	0.8071	56	1.50	0.0030	0.9883	56	6.00	0.	1.0000
57	1.60	0.0214	0.8286	57	1.60	0.0023	0.9906	57	6.20	0.	1.0000
58	1.70	0.0200	0.8486	58	1.70	0.0021	0.9927	58	6.40	0.	1.0000
59	1.80	0.0199	0.8685	59	1.80	0.0017	0.9944	59	6.60	0.	1.0000
60	1.90	0.0185	0.8870	60	1.90	0.0014	0.9959	60	6.80	0.	1.0000
61	2.00	0.0160	0.9030	61	2.00	0.0012	0.9970	61	7.00	0.	1.0000
62	2.10	0.0157	0.9187	62	2.10	0.0007	0.9977				
63	2.20	0.0135	0.9322	63	2.20	0.0006	0.9983				
64	2.30	0.0130	0.9452	64	2.30	0.0004	0.9988				
65	2.40	0.0106	0.9558	65	2.40	0.0004	0.9991				
66	2.50	0.0093	0.9651	66	2.50	0.0002	0.9993				
67	2.60	0.0076	0.9727	67	2.60	0.0001	0.9994				
68	2.70	0.0061	0.9788	68	2.70	0.0001	0.9995				
69	2.80	0.0057	0.9845	69	2.80	0.0001	0.9997				
70	2.90	0.0041	0.9886	70	2.90	0.0001	0.9997				
71	3.00	0.0031	0.9917	71	3.00	0.0001	0.9998				
72	3.10	0.0028	0.9945	72	3.10	0.0000	0.9998				
73	3.20	0.0021	0.9966	73	3.20	0.0000	0.9999				
74	3.30	0.0015	0.9981	74	3.30	0.0001	0.9999				
75	3.40	0.0009	0.9990	75	3.40	0.0000	0.9999				
76	3.50	0.0007	0.9996	76	3.50	0.0000	1.0000				
77	3.60	0.0003	0.9999	77	3.60	0.	1.0000				
78	3.70	0.0001	1.0000	78	3.70	0.0000	1.0000				
79	3.80	0.	1.0000	79	3.80	0.0000	1.0000				
80	3.90	0.	1.0000	80	3.90	0.	1.0000				
81	4.00	0.	1.0000	81	4.00	0.	1.0000				

I - INTERVAL NUMBER X - INTERVAL CENTER VALUE

P(X) - PROBABILITY MASS FUNCTION F(X) - CUMULATIVE DISTRIBUTION FUNCTION

ATLANTIC CITY N.J.

STATISTICS FOR JANUARY

ASTRONOMICAL TIDE MEAN-0.26 STND DEV 1.53				STORM SURGE MEAN 0.15 STND DEV 0.70				TOTAL WATER LEVEL MEAN-0.10 STND DEV 1.63			
I	X	P(X)	F(X)	I	X	P(X)	F(X)	I	X	P(X)	F(X)
1	-4.00	0.	0.	1	-4.00	0.	0.	1	-5.00	0.	0.
2	-3.90	0.	0.	2	-3.90	0.	0.	2	-4.80	0.	0.
3	-3.80	0.	0.	3	-3.80	0.	0.	3	-4.60	0.	0.
4	-3.70	0.	0.	4	-3.70	0.	0.	4	-4.40	0.0001	0.0001
5	-3.60	0.	0.	5	-3.60	0.	0.	5	-4.20	0.0006	0.0007
6	-3.50	0.0001	0.0001	6	-3.50	0.	0.	6	-4.00	0.0004	0.0011
7	-3.40	0.0006	0.0007	7	-3.40	0.	0.	7	-3.80	0.0016	0.0027
8	-3.30	0.0008	0.0015	8	-3.30	0.	0.	8	-3.60	0.0028	0.0055
9	-3.20	0.0020	0.0035	9	-3.20	0.	0.	9	-3.40	0.0052	0.0107
10	-3.10	0.0039	0.0074	10	-3.10	0.	0.	10	-3.20	0.0091	0.0198
11	-3.00	0.0049	0.0123	11	-3.00	0.	0.	11	-3.00	0.0098	0.0296
12	-2.90	0.0059	0.0183	12	-2.90	0.	0.	12	-2.80	0.0162	0.0458
13	-2.80	0.0073	0.0255	13	-2.80	0.	0.	13	-2.60	0.0202	0.0660
14	-2.70	0.0087	0.0343	14	-2.70	0.	0.	14	-2.40	0.0263	0.0923
15	-2.60	0.0112	0.0455	15	-2.60	0.0003	0.0003	15	-2.20	0.0294	0.1217
16	-2.50	0.0140	0.0595	16	-2.50	0.0001	0.0004	16	-2.00	0.0334	0.1551
17	-2.40	0.0198	0.0793	17	-2.40	0.0001	0.0005	17	-1.80	0.0379	0.1930
18	-2.30	0.0197	0.0990	18	-2.30	0.0005	0.0010	18	-1.60	0.0385	0.2314
19	-2.20	0.0225	0.1215	19	-2.20	0.0001	0.0011	19	-1.40	0.0365	0.2679
20	-2.10	0.0242	0.1457	20	-2.10	0.0009	0.0020	20	-1.20	0.0408	0.3087
21	-2.00	0.0254	0.1712	21	-2.00	0.0009	0.0028	21	-1.00	0.0375	0.3462
22	-1.90	0.0249	0.1960	22	-1.90	0.0004	0.0032	22	-0.80	0.0423	0.3885
23	-1.80	0.0245	0.2205	23	-1.80	0.0005	0.0037	23	-0.60	0.0364	0.4249
24	-1.70	0.0253	0.2459	24	-1.70	0.0009	0.0046	24	-0.40	0.0361	0.4610
25	-1.60	0.0227	0.2686	25	-1.60	0.0015	0.0060	25	-0.20	0.0382	0.4993
26	-1.50	0.0227	0.2913	26	-1.50	0.0031	0.0091	26	0.	0.0385	0.5377
27	-1.40	0.0214	0.3127	27	-1.40	0.0038	0.0129	27	0.20	0.0360	0.5737
28	-1.30	0.0192	0.3319	28	-1.30	0.0058	0.0187	28	0.40	0.0392	0.6129
29	-1.20	0.0196	0.3515	29	-1.20	0.0080	0.0267	29	0.60	0.0422	0.6551
30	-1.10	0.0162	0.3677	30	-1.10	0.0103	0.0370	30	0.80	0.0450	0.7001
31	-1.00	0.0163	0.3841	31	-1.00	0.0138	0.0508	31	1.00	0.0407	0.7408
32	-0.90	0.0181	0.4022	32	-0.90	0.0183	0.0691	32	1.20	0.0393	0.7801
33	-0.80	0.0161	0.4183	33	-0.80	0.0220	0.0911	33	1.40	0.0363	0.8164
34	-0.70	0.0185	0.4368	34	-0.70	0.0252	0.1163	34	1.60	0.0356	0.8520
35	-0.60	0.0166	0.4534	35	-0.60	0.0311	0.1474	35	1.80	0.0307	0.8827
36	-0.50	0.0160	0.4694	36	-0.50	0.0354	0.1828	36	2.00	0.0259	0.9087
37	-0.40	0.0183	0.4877	37	-0.40	0.0434	0.2262	37	2.20	0.0226	0.9313
38	-0.30	0.0153	0.5030	38	-0.30	0.0471	0.2732	38	2.40	0.0173	0.9486
39	-0.20	0.0142	0.5173	39	-0.20	0.0562	0.3294	39	2.60	0.0141	0.9628
40	-0.10	0.0153	0.5326	40	-0.10	0.0557	0.3851	40	2.80	0.0116	0.9743
41	0.	0.0168	0.5494	41	0.	0.0602	0.4453	41	3.00	0.0077	0.9821
42	0.10	0.0163	0.5658	42	0.10	0.0611	0.5064	42	3.20	0.0052	0.9872
43	0.20	0.0198	0.5856	43	0.20	0.0584	0.5648	43	3.40	0.0050	0.9923
44	0.30	0.0203	0.6059	44	0.30	0.0578	0.6225	44	3.60	0.0034	0.9957
45	0.40	0.0160	0.6219	45	0.40	0.0665	0.6890	45	3.80	0.0018	0.9975
46	0.50	0.0203	0.6421	46	0.50	0.0488	0.7378	46	4.00	0.0005	0.9980
47	0.60	0.0214	0.6635	47	0.60	0.0467	0.7845	47	4.20	0.0009	0.9989
48	0.70	0.0211	0.6846	48	0.70	0.0388	0.8234	48	4.40	0.0006	0.9995
49	0.80	0.0242	0.7088	49	0.80	0.0366	0.8600	49	4.60	0.0004	0.9999
50	0.90	0.0227	0.7315	50	0.90	0.0320	0.8920	50	4.80	0.	0.9999
51	1.00	0.0213	0.7528	51	1.00	0.0233	0.9153	51	5.00	0.0001	1.0000
52	1.10	0.0242	0.7770	52	1.10	0.0181	0.9334	52	5.20	0.	1.0000
53	1.20	0.0227	0.7997	53	1.20	0.0135	0.9469	53	5.40	0.	1.0000
54	1.30	0.0256	0.8254	54	1.30	0.0092	0.9561	54	5.60	0.	1.0000
55	1.40	0.0205	0.8459	55	1.40	0.0082	0.9644	55	5.80	0.	1.0000
56	1.50	0.0170	0.8629	56	1.50	0.0057	0.9700	56	6.00	0.	1.0000
57	1.60	0.0175	0.8804	57	1.60	0.0057	0.9757	57	6.20	0.	1.0000
58	1.70	0.0161	0.8965	58	1.70	0.0044	0.9801	58	6.40	0.	1.0000
59	1.80	0.0166	0.9131	59	1.80	0.0028	0.9829	59	6.60	0.	1.0000
60	1.90	0.0139	0.9270	60	1.90	0.0037	0.9866	60	6.80	0.	1.0000
61	2.00	0.0109	0.9378	61	2.00	0.0039	0.9905	61	7.00	0.	1.0000
62	2.10	0.0100	0.9478	62	2.10	0.0017	0.9923				
63	2.20	0.0091	0.9569	63	2.20	0.0020	0.9942				
64	2.30	0.0090	0.9658	64	2.30	0.0016	0.9958				
65	2.40	0.0067	0.9726	65	2.40	0.0012	0.9971				
66	2.50	0.0057	0.9783	66	2.50	0.0005	0.9975				
67	2.60	0.0040	0.9823	67	2.60	0.0007	0.9983				
68	2.70	0.0051	0.9875	68	2.70	0.	0.9983				
69	2.80	0.0035	0.9909	69	2.80	0.0005	0.9988				
70	2.90	0.0028	0.9937	70	2.90	0.0003	0.9990				
71	3.00	0.0021	0.9959	71	3.00	0.0006	0.9996				
72	3.10	0.0022	0.9981	72	3.10	0.	0.9996				
73	3.20	0.0011	0.9992	73	3.20	0.	0.9996				
74	3.30	0.0008	1.0000	74	3.30	0.0001	0.9998				
75	3.40	0.	1.0000	75	3.40	0.0001	0.9999				
76	3.50	0.	1.0000	76	3.50	0.0001	1.0000				
77	3.60	0.	1.0000	77	3.60	0.	1.0000				
78	3.70	0.	1.0000	78	3.70	0.	1.0000				
79	3.80	0.	1.0000	79	3.80	0.	1.0000				
80	3.90	0.	1.0000	80	3.90	0.	1.0000				
81	4.00	0.	1.0000	81	4.00	0.	1.0000				

I - INTERVAL NUMBER X - INTERVAL CENTER VALUE

P(X) - PROBABILITY MASS FUNCTION F(X) - CUMULATIVE DISTRIBUTION FUNCTION

ATLANTIC CITY N.J.

STATISTICS FOR FEBRUARY

ASTRONOMICAL TIDE				STORM SURGE				TOTAL WATER LEVEL			
MEAN-0.22 STND DEV 1.53				MEAN 0.07 STND DEV 0.76				MEAN-0.14 STND DEV 1.65			
I	X	P(X)	F(X)	I	X	P(X)	F(X)	I	X	P(X)	F(X)
1	-4.00	0.	0.	1	-4.00	0.	0.	1	-5.00	0.0002	0.0002
2	-3.90	0.	0.	2	-3.90	0.	0.	2	-4.80	0.	0.0002
3	-3.80	0.	0.	3	-3.80	0.	0.	3	-4.60	0.0009	0.0011
4	-3.70	0.	0.	4	-3.70	0.	0.	4	-4.40	0.0006	0.0017
5	-3.60	0.	0.	5	-3.60	0.	0.	5	-4.20	0.0020	0.0038
6	-3.50	0.0003	0.0003	6	-3.50	0.	0.	6	-4.00	0.0034	0.0072
7	-3.40	0.0009	0.0012	7	-3.40	0.	0.	7	-3.80	0.0019	0.0091
8	-3.30	0.0016	0.0028	8	-3.30	0.	0.	8	-3.60	0.0030	0.0121
9	-3.20	0.0021	0.0048	9	-3.20	0.	0.	9	-3.40	0.0050	0.0171
10	-3.10	0.0032	0.0081	10	-3.10	0.	0.	10	-3.20	0.0085	0.0255
11	-3.00	0.0046	0.0126	11	-3.00	0.0002	0.0002	11	-3.00	0.0111	0.0367
12	-2.90	0.0062	0.0188	12	-2.90	0.0002	0.0003	12	-2.80	0.0143	0.0509
13	-2.80	0.0066	0.0254	13	-2.80	0.0002	0.0005	13	-2.60	0.0232	0.0741
14	-2.70	0.0092	0.0346	14	-2.70	0.0006	0.0011	14	-2.40	0.0263	0.1004
15	-2.60	0.0103	0.0449	15	-2.60	0.0014	0.0025	15	-2.20	0.0287	0.1291
16	-2.50	0.0134	0.0582	16	-2.50	0.0009	0.0034	16	-2.00	0.0367	0.1657
17	-2.40	0.0156	0.0738	17	-2.40	0.0016	0.0050	17	-1.80	0.0331	0.1988
18	-2.30	0.0179	0.0917	18	-2.30	0.0023	0.0074	18	-1.60	0.0398	0.2386
19	-2.20	0.0213	0.1130	19	-2.20	0.0020	0.0094	19	-1.40	0.0365	0.2751
20	-2.10	0.0220	0.1350	20	-2.10	0.0022	0.0116	20	-1.20	0.0387	0.3137
21	-2.00	0.0229	0.1579	21	-2.00	0.0023	0.0139	21	-1.00	0.0389	0.3526
22	-1.90	0.0249	0.1828	22	-1.90	0.0025	0.0164	22	-0.80	0.0378	0.3903
23	-1.80	0.0248	0.2076	23	-1.80	0.0041	0.0205	23	-0.60	0.0409	0.4312
24	-1.70	0.0220	0.2296	24	-1.70	0.0047	0.0252	24	-0.40	0.0401	0.4713
25	-1.60	0.0223	0.2519	25	-1.60	0.0050	0.0302	25	-0.20	0.0389	0.5102
26	-1.50	0.0244	0.2763	26	-1.50	0.0047	0.0349	26	0.	0.0373	0.5475
27	-1.40	0.0229	0.2992	27	-1.40	0.0050	0.0399	27	0.20	0.0335	0.5810
28	-1.30	0.0185	0.3176	28	-1.30	0.0050	0.0450	28	0.40	0.0389	0.6198
29	-1.20	0.0217	0.3394	29	-1.20	0.0063	0.0512	29	0.60	0.0381	0.6579
30	-1.10	0.0196	0.3590	30	-1.10	0.0063	0.0575	30	0.80	0.0409	0.6988
31	-1.00	0.0176	0.3756	31	-1.00	0.0105	0.0680	31	1.00	0.0429	0.7417
32	-0.90	0.0181	0.3936	32	-0.90	0.0152	0.0832	32	1.20	0.0374	0.7791
33	-0.80	0.0198	0.4134	33	-0.80	0.0179	0.1010	33	1.40	0.0382	0.8174
34	-0.70	0.0155	0.4290	34	-0.70	0.0251	0.1261	34	1.60	0.0387	0.8560
35	-0.60	0.0157	0.4447	35	-0.60	0.0324	0.1585	35	1.80	0.0302	0.8863
36	-0.50	0.0163	0.4610	36	-0.50	0.0379	0.1964	36	2.00	0.0295	0.9157
37	-0.40	0.0166	0.4775	37	-0.40	0.0497	0.2461	37	2.20	0.0237	0.9394
38	-0.30	0.0136	0.4912	38	-0.30	0.0556	0.3017	38	2.40	0.0168	0.9561
39	-0.20	0.0195	0.5107	39	-0.20	0.0688	0.3705	39	2.60	0.0125	0.9687
40	-0.10	0.0170	0.5277	40	-0.10	0.0811	0.4516	40	2.80	0.0092	0.9779
41	0.	0.0144	0.5421	41	0.	0.0630	0.5146	41	3.00	0.0069	0.9848
42	0.10	0.0210	0.5631	42	0.10	0.0605	0.5750	42	3.20	0.0039	0.9887
43	0.20	0.0147	0.5778	43	0.20	0.0514	0.6264	43	3.40	0.0041	0.9928
44	0.30	0.0197	0.5974	44	0.30	0.0522	0.6786	44	3.60	0.0022	0.9950
45	0.40	0.0207	0.6181	45	0.40	0.0487	0.7273	45	3.80	0.0023	0.9973
46	0.50	0.0178	0.6359	46	0.50	0.0418	0.7691	46	4.00	0.0013	0.9986
47	0.60	0.0189	0.6548	47	0.60	0.0291	0.7982	47	4.20	0.0006	0.9992
48	0.70	0.0208	0.6756	48	0.70	0.0317	0.8299	48	4.40	0.0002	0.9994
49	0.80	0.0216	0.6972	49	0.80	0.0271	0.8570	49	4.60	0.0002	0.9995
50	0.90	0.0223	0.7195	50	0.90	0.0244	0.8814	50	4.80	0.0002	0.9997
51	1.00	0.0214	0.7409	51	1.00	0.0230	0.9044	51	5.00	0.0003	1.0000
52	1.10	0.0238	0.7647	52	1.10	0.0196	0.9240	52	5.20	0.	1.0000
53	1.20	0.0207	0.7854	53	1.20	0.0177	0.9417	53	5.40	0.	1.0000
54	1.30	0.0222	0.8075	54	1.30	0.0110	0.9527	54	5.60	0.	1.0000
55	1.40	0.0204	0.8279	55	1.40	0.0105	0.9632	55	5.80	0.	1.0000
56	1.50	0.0242	0.8521	56	1.50	0.0072	0.9704	56	6.00	0.	1.0000
57	1.60	0.0183	0.8704	57	1.60	0.0047	0.9751	57	6.20	0.	1.0000
58	1.70	0.0157	0.8862	58	1.70	0.0041	0.9792	58	6.40	0.	1.0000
59	1.80	0.0201	0.9063	59	1.80	0.0041	0.9832	59	6.60	0.	1.0000
60	1.90	0.0154	0.9216	60	1.90	0.0039	0.9872	60	6.80	0.	1.0000
61	2.00	0.0147	0.9363	61	2.00	0.0034	0.9906	61	7.00	0.	1.0000
62	2.10	0.0120	0.9484	62	2.10	0.0020	0.9926				
63	2.20	0.0122	0.9605	63	2.20	0.0027	0.9953				
64	2.30	0.0120	0.9726	64	2.30	0.0014	0.9967				
65	2.40	0.0078	0.9803	65	2.40	0.0008	0.9975				
66	2.50	0.0046	0.9849	66	2.50	0.0009	0.9984				
67	2.60	0.0032	0.9881	67	2.60	0.0002	0.9986				
68	2.70	0.0040	0.9921	68	2.70	0.0006	0.9992				
69	2.80	0.0026	0.9947	69	2.80	0.0002	0.9994				
70	2.90	0.0023	0.9971	70	2.90	0.0002	0.9995				
71	3.00	0.0013	0.9984	71	3.00	0.	0.9995				
72	3.10	0.0010	0.9994	72	3.10	0.0002	0.9997				
73	3.20	0.0006	1.0000	73	3.20	0.	0.9997				
74	3.30	0.	1.0000	74	3.30	0.0002	0.9998				
75	3.40	0.	1.0000	75	3.40	0.	0.9998				
76	3.50	0.	1.0000	76	3.50	0.	0.9998				
77	3.60	0.	1.0000	77	3.60	0.	0.9998				
78	3.70	0.	1.0000	78	3.70	0.0002	1.0000				
79	3.80	0.	1.0000	79	3.80	0.	1.0000				
80	3.90	0.	1.0000	80	3.90	0.	1.0000				
81	4.00	0.	1.0000	81	4.00	0.	1.0000				

I - INTERVAL NUMBER X - INTERVAL CENTER VALUE

P(X) - PROBABILITY MASS FUNCTION F(X) - CUMULATIVE DISTRIBUTION FUNCTION

ATLANTIC CITY N.J.

STATISTICS FOR MARCH

ASTRONOMICAL TIDE				STORM SURGE				TOTAL WATER LEVEL			
MEAN-0.13		STND DEV 1.52		MEAN 0.06		STND DEV 0.74		MEAN-0.06		STND DEV 1.64	
I	X	P(X)	F(X)	I	X	P(X)	F(X)	I	X	P(X)	F(X)
1	-4.00	0.	0.	1	-4.00	0.	0.	1	-5.00	0.0003	0.0003
2	-3.90	0.	0.	2	-3.90	0.	0.	2	-4.80	0.0008	0.0011
3	-3.80	0.	0.	3	-3.80	0.	0.	3	-4.60	0.0004	0.0015
4	-3.70	0.	0.	4	-3.70	0.	0.	4	-4.40	0.0003	0.0018
5	-3.60	0.	0.	5	-3.60	0.	0.	5	-4.20	0.0012	0.0030
6	-3.50	0.	0.	6	-3.50	0.	0.	6	-4.00	0.0022	0.0052
7	-3.40	0.0001	0.0001	7	-3.40	0.	0.	7	-3.80	0.0021	0.0073
8	-3.30	0.0014	0.0015	8	-3.30	0.	0.	8	-3.60	0.0034	0.0107
9	-3.20	0.0023	0.0038	9	-3.20	0.	0.	9	-3.40	0.0042	0.0149
10	-3.10	0.0039	0.0077	10	-3.10	0.	0.	10	-3.20	0.0076	0.0225
11	-3.00	0.0042	0.0118	11	-3.00	0.0001	0.0001	11	-3.00	0.0106	0.0330
12	-2.90	0.0046	0.0164	12	-2.90	0.0004	0.0005	12	-2.80	0.0117	0.0447
13	-2.80	0.0062	0.0226	13	-2.80	0.0004	0.0010	13	-2.60	0.0185	0.0632
14	-2.70	0.0079	0.0305	14	-2.70	0.0007	0.0016	14	-2.40	0.0208	0.0840
15	-2.60	0.0083	0.0388	15	-2.60	0.0007	0.0023	15	-2.20	0.0259	0.1099
16	-2.50	0.0099	0.0488	16	-2.50	0.0011	0.0034	16	-2.00	0.0349	0.1449
17	-2.40	0.0138	0.0626	17	-2.40	0.0005	0.0040	17	-1.80	0.0330	0.1779
18	-2.30	0.0175	0.0801	18	-2.30	0.0005	0.0045	18	-1.60	0.0382	0.2162
19	-2.20	0.0179	0.0980	19	-2.20	0.0010	0.0055	19	-1.40	0.0466	0.2627
20	-2.10	0.0200	0.1180	20	-2.10	0.0011	0.0066	20	-1.20	0.0380	0.3007
21	-2.00	0.0195	0.1375	21	-2.00	0.0022	0.0088	21	-1.00	0.0452	0.3459
22	-1.90	0.0247	0.1622	22	-1.90	0.0022	0.0110	22	-0.80	0.0351	0.3810
23	-1.80	0.0219	0.1841	23	-1.80	0.0026	0.0136	23	-0.60	0.0377	0.4187
24	-1.70	0.0210	0.2051	24	-1.70	0.0033	0.0169	24	-0.40	0.0377	0.4564
25	-1.60	0.0231	0.2282	25	-1.60	0.0036	0.0204	25	-0.20	0.0380	0.4944
26	-1.50	0.0227	0.2509	26	-1.50	0.0062	0.0266	26	0.	0.0347	0.5291
27	-1.40	0.0257	0.2766	27	-1.40	0.0081	0.0347	27	0.20	0.0348	0.5639
28	-1.30	0.0225	0.2991	28	-1.30	0.0071	0.0418	28	0.40	0.0393	0.6032
29	-1.20	0.0225	0.3215	29	-1.20	0.0103	0.0521	29	0.60	0.0389	0.6421
30	-1.10	0.0181	0.3397	30	-1.10	0.0090	0.0611	30	0.80	0.0371	0.6793
31	-1.00	0.0175	0.3571	31	-1.00	0.0159	0.0770	31	1.00	0.0437	0.7230
32	-0.90	0.0196	0.3767	32	-0.90	0.0251	0.1021	32	1.20	0.0399	0.7629
33	-0.80	0.0192	0.3960	33	-0.80	0.0267	0.1288	33	1.40	0.0393	0.8022
34	-0.70	0.0151	0.4110	34	-0.70	0.0266	0.1554	34	1.60	0.0356	0.8379
35	-0.60	0.0164	0.4274	35	-0.60	0.0305	0.1860	35	1.80	0.0321	0.8699
36	-0.50	0.0163	0.4437	36	-0.50	0.0337	0.2197	36	2.00	0.0281	0.8980
37	-0.40	0.0153	0.4590	37	-0.40	0.0381	0.2578	37	2.20	0.0263	0.9243
38	-0.30	0.0198	0.4788	38	-0.30	0.0430	0.3009	38	2.40	0.0238	0.9482
39	-0.20	0.0169	0.4957	39	-0.20	0.0461	0.3469	39	2.60	0.0162	0.9644
40	-0.10	0.0173	0.5130	40	-0.10	0.0546	0.4015	40	2.80	0.0138	0.9782
41	0.	0.0151	0.5281	41	0.	0.0641	0.4656	41	3.00	0.0074	0.9856
42	0.10	0.0149	0.5430	42	0.10	0.0729	0.5385	42	3.20	0.0048	0.9904
43	0.20	0.0176	0.5606	43	0.20	0.0633	0.6018	43	3.40	0.0033	0.9937
44	0.30	0.0160	0.5766	44	0.30	0.0604	0.6623	44	3.60	0.0029	0.9966
45	0.40	0.0185	0.5952	45	0.40	0.0592	0.7215	45	3.80	0.0018	0.9984
46	0.50	0.0193	0.6145	46	0.50	0.0571	0.7787	46	4.00	0.0014	0.9997
47	0.60	0.0216	0.6362	47	0.60	0.0450	0.8236	47	4.20	0.	0.9997
48	0.70	0.0184	0.6546	48	0.70	0.0382	0.8618	48	4.40	0.0003	1.0000
49	0.80	0.0225	0.6770	49	0.80	0.0291	0.8909	49	4.60	0.	1.0000
50	0.90	0.0203	0.6973	50	0.90	0.0189	0.9098	50	4.80	0.	1.0000
51	1.00	0.0230	0.7203	51	1.00	0.0152	0.9250	51	5.00	0.	1.0000
52	1.10	0.0218	0.7421	52	1.10	0.0117	0.9367	52	5.20	0.	1.0000
53	1.20	0.0223	0.7644	53	1.20	0.0095	0.9461	53	5.40	0.	1.0000
54	1.30	0.0214	0.7858	54	1.30	0.0073	0.9534	54	5.60	0.	1.0000
55	1.40	0.0193	0.8051	55	1.40	0.0099	0.9633	55	5.80	0.	1.0000
56	1.50	0.0220	0.8272	56	1.50	0.0060	0.9693	56	6.00	0.	1.0000
57	1.60	0.0231	0.8503	57	1.60	0.0062	0.9755	57	6.20	0.	1.0000
58	1.70	0.0199	0.8702	58	1.70	0.0071	0.9826	58	6.40	0.	1.0000
59	1.80	0.0199	0.8901	59	1.80	0.0053	0.9879	59	6.60	0.	1.0000
60	1.90	0.0211	0.9112	60	1.90	0.0033	0.9912	60	6.80	0.	1.0000
61	2.00	0.0172	0.9284	61	2.00	0.0027	0.9940	61	7.00	0.	1.0000
62	2.10	0.0163	0.9446	62	2.10	0.0014	0.9953				
63	2.20	0.0134	0.9581	63	2.20	0.0014	0.9967				
64	2.30	0.0126	0.9707	64	2.30	0.0007	0.9974				
65	2.40	0.0093	0.9800	65	2.40	0.0010	0.9984				
66	2.50	0.0059	0.9859	66	2.50	0.0005	0.9989				
67	2.60	0.0052	0.9911	67	2.60	0.0003	0.9992				
68	2.70	0.0031	0.9942	68	2.70	0.	0.9992				
69	2.80	0.0028	0.9970	69	2.80	0.0003	0.9994				
70	2.90	0.0027	0.9997	70	2.90	0.0001	0.9996				
71	3.00	0.0003	1.0000	71	3.00	0.0003	0.9999				
72	3.10	0.	1.0000	72	3.10	0.	0.9999				
73	3.20	0.	1.0000	73	3.20	0.0001	1.0000				
74	3.30	0.	1.0000	74	3.30	0.	1.0000				
75	3.40	0.	1.0000	75	3.40	0.	1.0000				
76	3.50	0.	1.0000	76	3.50	0.	1.0000				
77	3.60	0.	1.0000	77	3.60	0.	1.0000				
78	3.70	0.	1.0000	78	3.70	0.	1.0000				
79	3.80	0.	1.0000	79	3.80	0.	1.0000				
80	3.90	0.	1.0000	80	3.90	0.	1.0000				
81	4.00	0.	1.0000	81	4.00	0.	1.0000				

I - INTERVAL NUMBER X - INTERVAL CENTER VALUE

P(X) - PROBABILITY MASS FUNCTION F(X) - CUMULATIVE DISTRIBUTION FUNCTION

ATLANTIC CITY N.J.

STATISTICS FOR APRIL

ASTRONOMICAL TIDE				STORM SURGE				TOTAL WATER LEVEL			
MEAN-0.05		STND DEV 1.53		MEAN 0.03		STND DEV 0.51		MEAN-0.01		STND DEV 1.57	
I	X	P(X)	F(X)	I	X	P(X)	F(X)	I	X	P(X)	F(X)
1	-4.00	0.	0.	1	-4.00	0.	0.	1	-5.00	0.	0.
2	-3.90	0.	0.	2	-3.90	0.	0.	2	-4.80	0.	0.
3	-3.80	0.	0.	3	-3.80	0.	0.	3	-4.60	0.	0.
4	-3.70	0.	0.	4	-3.70	0.	0.	4	-4.40	0.	0.
5	-3.60	0.	0.	5	-3.60	0.	0.	5	-4.20	0.	0.
6	-3.50	0.	0.	6	-3.50	0.	0.	6	-4.00	0.0002	0.0002
7	-3.40	0.	0.	7	-3.40	0.	0.	7	-3.80	0.0003	0.0005
8	-3.30	0.0012	0.0012	8	-3.30	0.	0.	8	-3.60	0.0007	0.0012
9	-3.20	0.0021	0.0033	9	-3.20	0.	0.	9	-3.40	0.0037	0.0049
10	-3.10	0.0023	0.0056	10	-3.10	0.	0.	10	-3.20	0.0054	0.0103
11	-3.00	0.0040	0.0095	11	-3.00	0.	0.	11	-3.00	0.0061	0.0164
12	-2.90	0.0050	0.0146	12	-2.90	0.	0.	12	-2.80	0.0106	0.0270
13	-2.80	0.0071	0.0217	13	-2.80	0.	0.	13	-2.60	0.0162	0.0432
14	-2.70	0.0056	0.0273	14	-2.70	0.	0.	14	-2.40	0.0195	0.0628
15	-2.60	0.0066	0.0338	15	-2.60	0.	0.	15	-2.20	0.0277	0.0905
16	-2.50	0.0068	0.0406	16	-2.50	0.	0.	16	-2.00	0.0352	0.1257
17	-2.40	0.0106	0.0512	17	-2.40	0.	0.	17	-1.80	0.0370	0.1627
18	-2.30	0.0149	0.0662	18	-2.30	0.0002	0.0002	18	-1.60	0.0452	0.2078
19	-2.20	0.0142	0.0804	19	-2.20	0.0002	0.0003	19	-1.40	0.0462	0.2540
20	-2.10	0.0200	0.1003	20	-2.10	0.0011	0.0014	20	-1.20	0.0432	0.2972
21	-2.00	0.0198	0.1201	21	-2.00	0.0005	0.0019	21	-1.00	0.0415	0.3387
22	-1.90	0.0212	0.1413	22	-1.90	0.0007	0.0026	22	-0.80	0.0382	0.3769
23	-1.80	0.0238	0.1651	23	-1.80	0.0005	0.0031	23	-0.60	0.0385	0.4154
24	-1.70	0.0238	0.1889	24	-1.70	0.0005	0.0037	24	-0.40	0.0364	0.4519
25	-1.60	0.0240	0.2129	25	-1.60	0.0007	0.0044	25	-0.20	0.0354	0.4873
26	-1.50	0.0241	0.2370	26	-1.50	0.0003	0.0047	26	0.	0.0326	0.5199
27	-1.40	0.0245	0.2615	27	-1.40	0.0007	0.0054	27	0.20	0.0343	0.5542
28	-1.30	0.0210	0.2825	28	-1.30	0.0011	0.0064	28	0.40	0.0389	0.5931
29	-1.20	0.0241	0.3066	29	-1.20	0.0016	0.0080	29	0.60	0.0370	0.6301
30	-1.10	0.0203	0.3269	30	-1.10	0.0028	0.0108	30	0.80	0.0417	0.6717
31	-1.00	0.0193	0.3462	31	-1.00	0.0054	0.0162	31	1.00	0.0410	0.7127
32	-0.90	0.0177	0.3639	32	-0.90	0.0112	0.0274	32	1.20	0.0446	0.7573
33	-0.80	0.0158	0.3797	33	-0.80	0.0169	0.0443	33	1.40	0.0429	0.8002
34	-0.70	0.0149	0.3946	34	-0.70	0.0260	0.0703	34	1.60	0.0410	0.8412
35	-0.60	0.0191	0.4137	35	-0.60	0.0385	0.1088	35	1.80	0.0394	0.8806
36	-0.50	0.0182	0.4319	36	-0.50	0.0466	0.1553	36	2.00	0.0295	0.9100
37	-0.40	0.0165	0.4484	37	-0.40	0.0722	0.2275	37	2.20	0.0256	0.9357
38	-0.30	0.0163	0.4648	38	-0.30	0.0805	0.3080	38	2.40	0.0181	0.9538
39	-0.20	0.0158	0.4806	39	-0.20	0.0784	0.3865	39	2.60	0.0157	0.9695
40	-0.10	0.0175	0.4981	40	-0.10	0.0771	0.4636	40	2.80	0.0098	0.9792
41	0.	0.0154	0.5135	41	0.	0.0812	0.5448	41	3.00	0.0072	0.9864
42	0.10	0.0177	0.5313	42	0.10	0.0732	0.6180	42	3.20	0.0042	0.9906
43	0.20	0.0174	0.5486	43	0.20	0.0724	0.6904	43	3.40	0.0040	0.9946
44	0.30	0.0165	0.5651	44	0.30	0.0628	0.7531	44	3.60	0.0023	0.9969
45	0.40	0.0141	0.5792	45	0.40	0.0556	0.8088	45	3.80	0.0016	0.9984
46	0.50	0.0172	0.5963	46	0.50	0.0432	0.8520	46	4.00	0.0005	0.9989
47	0.60	0.0208	0.6172	47	0.60	0.0364	0.8884	47	4.20	0.0007	0.9997
48	0.70	0.0165	0.6337	48	0.70	0.0260	0.9144	48	4.40	0.0002	0.9998
49	0.80	0.0194	0.6531	49	0.80	0.0228	0.9372	49	4.60	0.0002	1.0000
50	0.90	0.0188	0.6719	50	0.90	0.0117	0.9489	50	4.80	0.	1.0000
51	1.00	0.0236	0.6955	51	1.00	0.0157	0.9646	51	5.00	0.	1.0000
52	1.10	0.0250	0.7205	52	1.10	0.0124	0.9770	52	5.20	0.	1.0000
53	1.20	0.0214	0.7418	53	1.20	0.0092	0.9862	53	5.40	0.	1.0000
54	1.30	0.0255	0.7674	54	1.30	0.0066	0.9928	54	5.60	0.	1.0000
55	1.40	0.0257	0.7931	55	1.40	0.0033	0.9962	55	5.80	0.	1.0000
56	1.50	0.0208	0.8139	56	1.50	0.0026	0.9988	56	6.00	0.	1.0000
57	1.60	0.0226	0.8365	57	1.60	0.0009	0.9997	57	6.20	0.	1.0000
58	1.70	0.0217	0.8582	58	1.70	0.0003	1.0000	58	6.40	0.	1.0000
59	1.80	0.0234	0.8816	59	1.80	0.	1.0000	59	6.60	0.	1.0000
60	1.90	0.0172	0.8988	60	1.90	0.	1.0000	60	6.80	0.	1.0000
61	2.00	0.0181	0.9168	61	2.00	0.	1.0000	61	7.00	0.	1.0000
62	2.10	0.0194	0.9363	62	2.10	0.	1.0000				
63	2.20	0.0142	0.9505	63	2.20	0.	1.0000				
64	2.30	0.0120	0.9625	64	2.30	0.	1.0000				
65	2.40	0.0101	0.9726	65	2.40	0.	1.0000				
66	2.50	0.0068	0.9793	66	2.50	0.	1.0000				
67	2.60	0.0045	0.9839	67	2.60	0.	1.0000				
68	2.70	0.0028	0.9866	68	2.70	0.	1.0000				
69	2.80	0.0033	0.9899	69	2.80	0.	1.0000				
70	2.90	0.0033	0.9932	70	2.90	0.	1.0000				
71	3.00	0.0012	0.9944	71	3.00	0.	1.0000				
72	3.10	0.0033	0.9977	72	3.10	0.	1.0000				
73	3.20	0.0012	0.9990	73	3.20	0.	1.0000				
74	3.30	0.0009	0.9998	74	3.30	0.	1.0000				
75	3.40	0.0002	1.0000	75	3.40	0.	1.0000				
76	3.50	0.	1.0000	76	3.50	0.	1.0000				
77	3.60	0.	1.0000	77	3.60	0.	1.0000				
78	3.70	0.	1.0000	78	3.70	0.	1.0000				
79	3.80	0.	1.0000	79	3.80	0.	1.0000				
80	3.90	0.	1.0000	80	3.90	0.	1.0000				
81	4.00	0.	1.0000	81	4.00	0.	1.0000				

I - INTERVAL NUMBER X - INTERVAL CENTER VALUE

P(X) - PROBABILITY MASS FUNCTION F(X) - CUMULATIVE DISTRIBUTION FUNCTION

ATLANTIC CITY N.J.

STATISTICS FOR MAY

ASTRONOMICAL TIDE				STORM SURGE				TOTAL WATER LEVEL			
MEAN 0.00		STND DEV 1.52		MEAN 0.03		STND DEV 0.39		MEAN 0.05		STND DEV 1.54	
I	X	P(X)	F(X)	I	X	P(X)	F(X)	I	X	P(X)	F(X)
1	-4.00	0.	0.	1	-4.00	0.	0.	1	-5.00	0.	0.
2	-3.90	0.	0.	2	-3.90	0.	0.	2	-4.80	0.	0.
3	-3.80	0.	0.	3	-3.80	0.	0.	3	-4.60	0.	0.
4	-3.70	0.	0.	4	-3.70	0.	0.	4	-4.40	0.	0.
5	-3.60	0.	0.	5	-3.60	0.	0.	5	-4.20	0.	0.
6	-3.50	0.	0.	6	-3.50	0.	0.	6	-4.00	0.	0.
7	-3.40	0.	0.	7	-3.40	0.	0.	7	-3.80	0.0002	0.0002
8	-3.30	0.	0.	8	-3.30	0.	0.	8	-3.60	0.0004	0.0006
9	-3.20	0.	0.	9	-3.20	0.	0.	9	-3.40	0.0020	0.0025
10	-3.10	0.0010	0.0010	10	-3.10	0.	0.	10	-3.20	0.0031	0.0057
11	-3.00	0.0025	0.0035	11	-3.00	0.	0.	11	-3.00	0.0051	0.0108
12	-2.90	0.0033	0.0067	12	-2.90	0.	0.	12	-2.80	0.0102	0.0209
13	-2.80	0.0040	0.0108	13	-2.80	0.	0.	13	-2.60	0.0145	0.0354
14	-2.70	0.0063	0.0171	14	-2.70	0.	0.	14	-2.40	0.0172	0.0526
15	-2.60	0.0083	0.0254	15	-2.60	0.	0.	15	-2.20	0.0258	0.0784
16	-2.50	0.0071	0.0324	16	-2.50	0.	0.	16	-2.00	0.0325	0.1109
17	-2.40	0.0100	0.0424	17	-2.40	0.	0.	17	-1.80	0.0393	0.1502
18	-2.30	0.0100	0.0524	18	-2.30	0.	0.	18	-1.60	0.0440	0.1943
19	-2.20	0.0142	0.0666	19	-2.20	0.	0.	19	-1.40	0.0440	0.2383
20	-2.10	0.0179	0.0845	20	-2.10	0.	0.	20	-1.20	0.0485	0.2868
21	-2.00	0.0217	0.1062	21	-2.00	0.	0.	21	-1.00	0.0397	0.3265
22	-1.90	0.0221	0.1283	22	-1.90	0.	0.	22	-0.80	0.0387	0.3652
23	-1.80	0.0227	0.1509	23	-1.80	0.0002	0.0002	23	-0.60	0.0364	0.4016
24	-1.70	0.0280	0.1790	24	-1.70	0.	0.0002	24	-0.40	0.0370	0.4386
25	-1.60	0.0244	0.2033	25	-1.60	0.	0.0002	25	-0.20	0.0366	0.4752
26	-1.50	0.0236	0.2270	26	-1.50	0.0002	0.0004	26	0.	0.0340	0.5093
27	-1.40	0.0240	0.2510	27	-1.40	0.	0.0004	27	0.20	0.0311	0.5403
28	-1.30	0.0230	0.2740	28	-1.30	0.	0.0004	28	0.40	0.0354	0.5757
29	-1.20	0.0217	0.2957	29	-1.20	0.0002	0.0006	29	0.60	0.0379	0.6137
30	-1.10	0.0215	0.3172	30	-1.10	0.0002	0.0008	30	0.80	0.0450	0.6587
31	-1.00	0.0181	0.3353	31	-1.00	0.0010	0.0018	31	1.00	0.0391	0.6978
32	-0.90	0.0171	0.3523	32	-0.90	0.0012	0.0029	32	1.20	0.0477	0.7455
33	-0.80	0.0211	0.3735	33	-0.80	0.0035	0.0055	33	1.40	0.0430	0.7885
34	-0.70	0.0159	0.3894	34	-0.70	0.0114	0.0170	34	1.60	0.0438	0.8324
35	-0.60	0.0165	0.4059	35	-0.60	0.0295	0.0473	35	1.80	0.0405	0.8729
36	-0.50	0.0186	0.4245	36	-0.50	0.0413	0.0886	36	2.00	0.0313	0.9042
37	-0.40	0.0173	0.4418	37	-0.40	0.0579	0.1465	37	2.20	0.0256	0.9298
38	-0.30	0.0159	0.4578	38	-0.30	0.0835	0.2300	38	2.40	0.0233	0.9531
39	-0.20	0.0146	0.4724	39	-0.20	0.1176	0.3476	39	2.60	0.0178	0.9708
40	-0.10	0.0171	0.4894	40	-0.10	0.1117	0.4593	40	2.80	0.0131	0.9840
41	0.	0.0142	0.5037	41	0.	0.1148	0.5741	41	3.00	0.0072	0.9912
42	0.10	0.0179	0.5215	42	0.10	0.0806	0.6547	42	3.20	0.0043	0.9955
43	0.20	0.0182	0.5398	43	0.20	0.0751	0.7299	43	3.40	0.0023	0.9979
44	0.30	0.0165	0.5563	44	0.30	0.0569	0.7868	44	3.60	0.0016	0.9994
45	0.40	0.0169	0.5732	45	0.40	0.0595	0.8462	45	3.80	0.0006	1.0000
46	0.50	0.0190	0.5922	46	0.50	0.0450	0.8912	46	4.00	0.	1.0000
47	0.60	0.0152	0.6073	47	0.60	0.0387	0.9300	47	4.20	0.	1.0000
48	0.70	0.0167	0.6240	48	0.70	0.0268	0.9568	48	4.40	0.	1.0000
49	0.80	0.0202	0.6442	49	0.80	0.0154	0.9722	49	4.60	0.	1.0000
50	0.90	0.0190	0.6632	50	0.90	0.0110	0.9832	50	4.80	0.	1.0000
51	1.00	0.0246	0.6878	51	1.00	0.0063	0.9896	51	5.00	0.	1.0000
52	1.10	0.0232	0.7110	52	1.10	0.0043	0.9939	52	5.20	0.	1.0000
53	1.20	0.0261	0.7371	53	1.20	0.0027	0.9967	53	5.40	0.	1.0000
54	1.30	0.0267	0.7638	54	1.30	0.0012	0.9979	54	5.60	0.	1.0000
55	1.40	0.0232	0.7871	55	1.40	0.0010	0.9988	55	5.80	0.	1.0000
56	1.50	0.0265	0.8136	56	1.50	0.0004	0.9992	56	6.00	0.	1.0000
57	1.60	0.0219	0.8355	57	1.60	0.0002	0.9994	57	6.20	0.	1.0000
58	1.70	0.0227	0.8581	58	1.70	0.0002	0.9996	58	6.40	0.	1.0000
59	1.80	0.0225	0.8806	59	1.80	0.0004	1.0000	59	6.60	0.	1.0000
60	1.90	0.0190	0.8996	60	1.90	0.	1.0000	60	6.80	0.	1.0000
61	2.00	0.0140	0.9136	61	2.00	0.	1.0000	61	7.00	0.	1.0000
62	2.10	0.0144	0.9280	62	2.10	0.	1.0000				
63	2.20	0.0113	0.9393	63	2.20	0.	1.0000				
64	2.30	0.0104	0.9497	64	2.30	0.	1.0000				
65	2.40	0.0094	0.9591	65	2.40	0.	1.0000				
66	2.50	0.0073	0.9664	66	2.50	0.	1.0000				
67	2.60	0.0075	0.9739	67	2.60	0.	1.0000				
68	2.70	0.0038	0.9777	68	2.70	0.	1.0000				
69	2.80	0.0067	0.9844	69	2.80	0.	1.0000				
70	2.90	0.0042	0.9887	70	2.90	0.	1.0000				
71	3.00	0.0031	0.9917	71	3.00	0.	1.0000				
72	3.10	0.0025	0.9942	72	3.10	0.	1.0000				
73	3.20	0.0013	0.9956	73	3.20	0.	1.0000				
74	3.30	0.0023	0.9979	74	3.30	0.	1.0000				
75	3.40	0.0008	0.9987	75	3.40	0.	1.0000				
76	3.50	0.0011	0.9998	76	3.50	0.	1.0000				
77	3.60	0.0002	1.0000	77	3.60	0.	1.0000				
78	3.70	0.	1.0000	78	3.70	0.	1.0000				
79	3.80	0.	1.0000	79	3.80	0.	1.0000				
80	3.90	0.	1.0000	80	3.90	0.	1.0000				
81	4.00	0.	1.0000	81	4.00	0.	1.0000				

I - INTERVAL NUMBER X - INTERVAL CENTER VALUE

P(X) - PROBABILITY MASS FUNCTION F(X) - CUMULATIVE DISTRIBUTION FUNCTION

ATLANTIC CITY N.J.

STATISTICS FOR JUNE

ASTRONOMICAL TIDE				STORM SURGE				TOTAL WATER LEVEL			
MEAN 0.05		STND DEV 1.52		MEAN-0.01		STND DEV 0.33		MEAN 0.06		STND DEV 1.54	
I	X	P(X)	F(X)	I	X	P(X)	F(X)	I	X	P(X)	F(X)
1	-4.00	0.	0.	1	-4.00	0.	0.	1	-5.00	0.	0.
2	-3.90	0.	0.	2	-3.90	0.	0.	2	-4.80	0.	0.
3	-3.80	0.	0.	3	-3.80	0.	0.	3	-4.60	0.	0.
4	-3.70	0.	0.	4	-3.70	0.	0.	4	-4.40	0.	0.
5	-3.60	0.	0.	5	-3.60	0.	0.	5	-4.20	0.	0.
6	-3.50	0.	0.	6	-3.50	0.	0.	6	-4.00	0.	0.
7	-3.40	0.	0.	7	-3.40	0.	0.	7	-3.80	0.	0.
8	-3.30	0.	0.	8	-3.30	0.	0.	8	-3.60	0.	0.
9	-3.20	0.	0.	9	-3.20	0.	0.	9	-3.40	0.0006	0.0006
10	-3.10	0.	0.	10	-3.10	0.	0.	10	-3.20	0.0017	0.0023
11	-3.00	0.0001	0.0001	11	-3.00	0.	0.	11	-3.00	0.0043	0.0067
12	-2.90	0.0014	0.0015	12	-2.90	0.	0.	12	-2.80	0.0070	0.0136
13	-2.80	0.0028	0.0043	13	-2.80	0.	0.	13	-2.60	0.0108	0.0245
14	-2.70	0.0039	0.0082	14	-2.70	0.	0.	14	-2.40	0.0197	0.0441
15	-2.60	0.0054	0.0136	15	-2.60	0.	0.	15	-2.20	0.0262	0.0703
16	-2.50	0.0062	0.0199	16	-2.50	0.	0.	16	-2.00	0.0421	0.1124
17	-2.40	0.0099	0.0297	17	-2.40	0.	0.	17	-1.80	0.0411	0.1535
18	-2.30	0.0108	0.0406	18	-2.30	0.	0.	18	-1.60	0.0469	0.2004
19	-2.20	0.0146	0.0551	19	-2.20	0.	0.	19	-1.40	0.0475	0.2480
20	-2.10	0.0163	0.0714	20	-2.10	0.	0.	20	-1.20	0.0437	0.2917
21	-2.00	0.0199	0.0912	21	-2.00	0.	0.	21	-1.00	0.0420	0.3336
22	-1.90	0.0210	0.1122	22	-1.90	0.	0.	22	-0.80	0.0350	0.3687
23	-1.80	0.0272	0.1394	23	-1.80	0.	0.	23	-0.60	0.0355	0.4041
24	-1.70	0.0265	0.1660	24	-1.70	0.	0.	24	-0.40	0.0361	0.4402
25	-1.60	0.0268	0.1928	25	-1.60	0.0003	0.0003	25	-0.20	0.0352	0.4754
26	-1.50	0.0243	0.2171	26	-1.50	0.	0.0003	26	0.	0.0307	0.5060
27	-1.40	0.0260	0.2431	27	-1.40	0.0003	0.0006	27	0.20	0.0333	0.5393
28	-1.30	0.0228	0.2658	28	-1.30	0.	0.0006	28	0.40	0.0369	0.5762
29	-1.20	0.0222	0.2881	29	-1.20	0.0001	0.0008	29	0.60	0.0370	0.6132
30	-1.10	0.0214	0.3094	30	-1.10	0.0001	0.0009	30	0.80	0.0378	0.6510
31	-1.00	0.0196	0.3290	31	-1.00	0.0005	0.0014	31	1.00	0.0448	0.6958
32	-0.90	0.0192	0.3482	32	-0.90	0.0020	0.0034	32	1.20	0.0465	0.7423
33	-0.80	0.0176	0.3658	33	-0.80	0.0053	0.0087	33	1.40	0.0520	0.7943
34	-0.70	0.0154	0.3813	34	-0.70	0.0099	0.0186	34	1.60	0.0389	0.8332
35	-0.60	0.0190	0.4003	35	-0.60	0.0203	0.0389	35	1.80	0.0398	0.8730
36	-0.50	0.0179	0.4182	36	-0.50	0.0318	0.0706	36	2.00	0.0285	0.9015
37	-0.40	0.0160	0.4342	37	-0.40	0.0590	0.1297	37	2.20	0.0287	0.9301
38	-0.30	0.0160	0.4501	38	-0.30	0.0895	0.2192	38	2.40	0.0200	0.9501
39	-0.20	0.0167	0.4668	39	-0.20	0.1154	0.3346	39	2.60	0.0146	0.9647
40	-0.10	0.0171	0.4839	40	-0.10	0.1312	0.4658	40	2.80	0.0149	0.9795
41	0.	0.0163	0.5001	41	0.	0.1300	0.5957	41	3.00	0.0077	0.9873
42	0.10	0.0150	0.5151	42	0.10	0.1182	0.7139	42	3.20	0.0062	0.9935
43	0.20	0.0168	0.5319	43	0.20	0.1008	0.8148	43	3.40	0.0028	0.9963
44	0.30	0.0169	0.5489	44	0.30	0.0677	0.8824	44	3.60	0.0016	0.9978
45	0.40	0.0179	0.5668	45	0.40	0.0431	0.9255	45	3.80	0.0012	0.9991
46	0.50	0.0146	0.5814	46	0.50	0.0266	0.9521	46	4.00	0.0003	0.9994
47	0.60	0.0204	0.6018	47	0.60	0.0172	0.9693	47	4.20	0.0006	1.0000
48	0.70	0.0169	0.6187	48	0.70	0.0127	0.9820	48	4.40	0.	1.0000
49	0.80	0.0192	0.6379	49	0.80	0.0062	0.9882	49	4.60	0.	1.0000
50	0.90	0.0189	0.6568	50	0.90	0.0040	0.9923	50	4.80	0.	1.0000
51	1.00	0.0244	0.6812	51	1.00	0.0022	0.9944	51	5.00	0.	1.0000
52	1.10	0.0231	0.7043	52	1.10	0.0016	0.9960	52	5.20	0.	1.0000
53	1.20	0.0242	0.7285	53	1.20	0.0012	0.9972	53	5.40	0.	1.0000
54	1.30	0.0243	0.7528	54	1.30	0.0009	0.9981	54	5.60	0.	1.0000
55	1.40	0.0297	0.7825	55	1.40	0.0005	0.9986	55	5.80	0.	1.0000
56	1.50	0.0250	0.8075	56	1.50	0.0003	0.9989	56	6.00	0.	1.0000
57	1.60	0.0254	0.8329	57	1.60	0.0003	0.9992	57	6.20	0.	1.0000
58	1.70	0.0201	0.8531	58	1.70	0.0005	0.9997	58	6.40	0.	1.0000
59	1.80	0.0190	0.8721	59	1.80	0.	0.9997	59	6.60	0.	1.0000
60	1.90	0.0176	0.8897	60	1.90	0.0001	0.9998	60	6.80	0.	1.0000
61	2.00	0.0143	0.9040	61	2.00	0.0001	1.0000	61	7.00	0.	1.0000
62	2.10	0.0140	0.9181	62	2.10	0.	1.0000				
63	2.20	0.0112	0.9293	63	2.20	0.	1.0000				
64	2.30	0.0099	0.9392	64	2.30	0.	1.0000				
65	2.40	0.0083	0.9475	65	2.40	0.	1.0000				
66	2.50	0.0093	0.9568	66	2.50	0.	1.0000				
67	2.60	0.0072	0.9640	67	2.60	0.	1.0000				
68	2.70	0.0063	0.9703	68	2.70	0.	1.0000				
69	2.80	0.0060	0.9763	69	2.80	0.	1.0000				
70	2.90	0.0058	0.9821	70	2.90	0.	1.0000				
71	3.00	0.0044	0.9865	71	3.00	0.	1.0000				
72	3.10	0.0035	0.9900	72	3.10	0.	1.0000				
73	3.20	0.0026	0.9926	73	3.20	0.	1.0000				
74	3.30	0.0031	0.9957	74	3.30	0.	1.0000				
75	3.40	0.0015	0.9972	75	3.40	0.	1.0000				
76	3.50	0.0011	0.9983	76	3.50	0.	1.0000				
77	3.60	0.0014	0.9997	77	3.60	0.	1.0000				
78	3.70	0.0003	1.0000	78	3.70	0.	1.0000				
79	3.80	0.	1.0000	79	3.80	0.	1.0000				
80	3.90	0.	1.0000	80	3.90	0.	1.0000				
81	4.00	0.	1.0000	81	4.00	0.	1.0000				

I - INTERVAL NUMBER X - INTERVAL CENTER VALUE

P(X) - PROBABILITY MASS FUNCTION F(X) - CUMULATIVE DISTRIBUTION FUNCTION

ATLANTIC CITY N.J.

STATISTICS FOR JULY

ASTRONOMICAL TIDE				STORM SURGE				TOTAL WATER LEVEL			
MEAN 0.14		STND DEV 1.52		MEAN-0.12		STND DEV 0.27		MEAN 0.02		STND DEV 1.51	
I	X	P(X)	F(X)	I	X	P(X)	F(X)	I	X	P(X)	F(X)
1	-4.00	0.	0.	1	-4.00	0.	0.	1	-5.00	0.	0.
2	-3.90	0.	0.	2	-3.90	0.	0.	2	-4.80	0.	0.
3	-3.80	0.	0.	3	-3.80	0.	0.	3	-4.60	0.	0.
4	-3.70	0.	0.	4	-3.70	0.	0.	4	-4.40	0.	0.
5	-3.60	0.	0.	5	-3.60	0.	0.	5	-4.20	0.	0.
6	-3.50	0.	0.	6	-3.50	0.	0.	6	-4.00	0.	0.
7	-3.40	0.	0.	7	-3.40	0.	0.	7	-3.80	0.	0.
8	-3.30	0.	0.	8	-3.30	0.	0.	8	-3.60	0.0001	0.0001
9	-3.20	0.	0.	9	-3.20	0.	0.	9	-3.40	0.0004	0.0005
10	-3.10	0.	0.	10	-3.10	0.	0.	10	-3.20	0.0011	0.0016
11	-3.00	0.0001	0.0001	11	-3.00	0.	0.	11	-3.00	0.0033	0.0049
12	-2.90	0.0010	0.0011	12	-2.90	0.	0.	12	-2.80	0.0074	0.0123
13	-2.80	0.0019	0.0030	13	-2.80	0.	0.	13	-2.60	0.0104	0.0228
14	-2.70	0.0031	0.0062	14	-2.70	0.	0.	14	-2.40	0.0190	0.0418
15	-2.60	0.0041	0.0103	15	-2.60	0.	0.	15	-2.20	0.0267	0.0685
16	-2.50	0.0062	0.0165	16	-2.50	0.	0.	16	-2.00	0.0371	0.1056
17	-2.40	0.0074	0.0239	17	-2.40	0.	0.	17	-1.80	0.0462	0.1518
18	-2.30	0.0094	0.0333	18	-2.30	0.	0.	18	-1.60	0.0510	0.2028
19	-2.20	0.0111	0.0444	19	-2.20	0.	0.	19	-1.40	0.0466	0.2494
20	-2.10	0.0138	0.0581	20	-2.10	0.	0.	20	-1.20	0.0468	0.2962
21	-2.00	0.0159	0.0740	21	-2.00	0.	0.	21	-1.00	0.0417	0.3379
22	-1.90	0.0190	0.0931	22	-1.90	0.	0.	22	-0.80	0.0417	0.3795
23	-1.80	0.0227	0.1158	23	-1.80	0.	0.	23	-0.60	0.0345	0.4140
24	-1.70	0.0283	0.1442	24	-1.70	0.	0.	24	-0.40	0.0312	0.4452
25	-1.60	0.0268	0.1709	25	-1.60	0.	0.	25	-0.20	0.0323	0.4776
26	-1.50	0.0254	0.1964	26	-1.50	0.	0.	26	0.	0.0337	0.5113
27	-1.40	0.0251	0.2214	27	-1.40	0.	0.	27	0.20	0.0375	0.5488
28	-1.30	0.0229	0.2443	28	-1.30	0.	0.	28	0.40	0.0399	0.5887
29	-1.20	0.0232	0.2675	29	-1.20	0.	0.	29	0.60	0.0360	0.6248
30	-1.10	0.0240	0.2914	30	-1.10	0.	0.	30	0.80	0.0414	0.6662
31	-1.00	0.0208	0.3123	31	-1.00	0.0001	0.0001	31	1.00	0.0429	0.7091
32	-0.90	0.0188	0.3311	32	-0.90	0.0019	0.0020	32	1.20	0.0410	0.7501
33	-0.80	0.0190	0.3501	33	-0.80	0.0075	0.0096	33	1.40	0.0482	0.7983
34	-0.70	0.0194	0.3695	34	-0.70	0.0159	0.0254	34	1.60	0.0451	0.8434
35	-0.60	0.0177	0.3872	35	-0.60	0.0322	0.0576	35	1.80	0.0345	0.8779
36	-0.50	0.0178	0.4050	36	-0.50	0.0571	0.1148	36	2.00	0.0366	0.9145
37	-0.40	0.0157	0.4207	37	-0.40	0.0821	0.1969	37	2.20	0.0247	0.9392
38	-0.30	0.0163	0.4370	38	-0.30	0.1137	0.3106	38	2.40	0.0196	0.9588
39	-0.20	0.0167	0.4537	39	-0.20	0.1402	0.4508	39	2.60	0.0188	0.9776
40	-0.10	0.0146	0.4683	40	-0.10	0.1532	0.6040	40	2.80	0.0087	0.9863
41	0.	0.0169	0.4852	41	0.	0.1358	0.7398	41	3.00	0.0065	0.9928
42	0.10	0.0179	0.5031	42	0.10	0.1078	0.8476	42	3.20	0.0039	0.9967
43	0.20	0.0156	0.5187	43	0.20	0.0739	0.9214	43	3.40	0.0021	0.9989
44	0.30	0.0173	0.5359	44	0.30	0.0457	0.9672	44	3.60	0.0008	0.9996
45	0.40	0.0177	0.5536	45	0.40	0.0215	0.9887	45	3.80	0.0004	1.0000
46	0.50	0.0175	0.5711	46	0.50	0.0071	0.9957	46	4.00	0.	1.0000
47	0.60	0.0175	0.5886	47	0.60	0.0023	0.9980	47	4.20	0.	1.0000
48	0.70	0.0170	0.6056	48	0.70	0.0009	0.9989	48	4.40	0.	1.0000
49	0.80	0.0177	0.6233	49	0.80	0.0006	0.9995	49	4.60	0.	1.0000
50	0.90	0.0198	0.6432	50	0.90	0.0005	1.0000	50	4.80	0.	1.0000
51	1.00	0.0213	0.6644	51	1.00	0.	1.0000	51	5.00	0.	1.0000
52	1.10	0.0227	0.6872	52	1.10	0.	1.0000	52	5.20	0.	1.0000
53	1.20	0.0251	0.7123	53	1.20	0.	1.0000	53	5.40	0.	1.0000
54	1.30	0.0251	0.7373	54	1.30	0.	1.0000	54	5.60	0.	1.0000
55	1.40	0.0219	0.7593	55	1.40	0.	1.0000	55	5.80	0.	1.0000
56	1.50	0.0227	0.7820	56	1.50	0.	1.0000	56	6.00	0.	1.0000
57	1.60	0.0226	0.8047	57	1.60	0.	1.0000	57	6.20	0.	1.0000
58	1.70	0.0234	0.8281	58	1.70	0.	1.0000	58	6.40	0.	1.0000
59	1.80	0.0221	0.8501	59	1.80	0.	1.0000	59	6.60	0.	1.0000
60	1.90	0.0195	0.8696	60	1.90	0.	1.0000	60	6.80	0.	1.0000
61	2.00	0.0151	0.8847	61	2.00	0.	1.0000	61	7.00	0.	1.0000
62	2.10	0.0173	0.9020	62	2.10	0.	1.0000				
63	2.20	0.0133	0.9153	63	2.20	0.	1.0000				
64	2.30	0.0139	0.9292	64	2.30	0.	1.0000				
65	2.40	0.0112	0.9404	65	2.40	0.	1.0000				
66	2.50	0.0104	0.9508	66	2.50	0.	1.0000				
67	2.60	0.0100	0.9608	67	2.60	0.	1.0000				
68	2.70	0.0077	0.9685	68	2.70	0.	1.0000				
69	2.80	0.0068	0.9754	69	2.80	0.	1.0000				
70	2.90	0.0047	0.9801	70	2.90	0.	1.0000				
71	3.00	0.0046	0.9847	71	3.00	0.	1.0000				
72	3.10	0.0036	0.9882	72	3.10	0.	1.0000				
73	3.20	0.0041	0.9924	73	3.20	0.	1.0000				
74	3.30	0.0019	0.9943	74	3.30	0.	1.0000				
75	3.40	0.0026	0.9969	75	3.40	0.	1.0000				
76	3.50	0.0017	0.9985	76	3.50	0.	1.0000				
77	3.60	0.0009	0.9994	77	3.60	0.	1.0000				
78	3.70	0.0006	1.0000	78	3.70	0.	1.0000				
79	3.80	0.	1.0000	79	3.80	0.	1.0000				
80	3.90	0.	1.0000	80	3.90	0.	1.0000				
81	4.00	0.	1.0000	81	4.00	0.	1.0000				

I - INTERVAL NUMBER X - INTERVAL CENTER VALUE

P(X) - PROBABILITY MASS FUNCTION F(X) - CUMULATIVE DISTRIBUTION FUNCTION

ATLANTIC CITY N.J.

STATISTICS FOR AUGUST

ASTRONOMICAL TIDE				STORM SURGE				TOTAL WATER LEVEL			
MEAN 0.23		STND DEV 1.52		MEAN-0.08		STND DEV 0.35		MEAN 0.16		STND DEV 1.51	
I	X	P(X)	F(X)	I	X	P(X)	F(X)	I	X	P(X)	F(X)
1	-4.00	0.	0.	1	-4.00	0.	0.	1	-5.00	0.	0.
2	-3.90	0.	0.	2	-3.90	0.	0.	2	-4.80	0.	0.
3	-3.80	0.	0.	3	-3.80	0.	0.	3	-4.60	0.	0.
4	-3.70	0.	0.	4	-3.70	0.	0.	4	-4.40	0.	0.
5	-3.60	0.	0.	5	-3.60	0.	0.	5	-4.20	0.	0.
6	-3.50	0.	0.	6	-3.50	0.	0.	6	-4.00	0.	0.
7	-3.40	0.	0.	7	-3.40	0.	0.	7	-3.80	0.	0.
8	-3.30	0.	0.	8	-3.30	0.	0.	8	-3.60	0.	0.
9	-3.20	0.	0.	9	-3.20	0.	0.	9	-3.40	0.	0.
10	-3.10	0.	0.	10	-3.10	0.	0.	10	-3.20	0.0005	0.0005
11	-3.00	0.0002	0.0002	11	-3.00	0.	0.	11	-3.00	0.0017	0.0022
12	-2.90	0.0010	0.0012	12	-2.90	0.	0.	12	-2.80	0.0060	0.0082
13	-2.80	0.0023	0.0036	13	-2.80	0.	0.	13	-2.60	0.0097	0.0180
14	-2.70	0.0030	0.0066	14	-2.70	0.	0.	14	-2.40	0.0157	0.0337
15	-2.60	0.0045	0.0111	15	-2.60	0.	0.	15	-2.20	0.0200	0.0537
16	-2.50	0.0040	0.0151	16	-2.50	0.	0.	16	-2.00	0.0301	0.0839
17	-2.40	0.0063	0.0214	17	-2.40	0.	0.	17	-1.80	0.0385	0.1224
18	-2.30	0.0076	0.0290	18	-2.30	0.	0.	18	-1.60	0.0485	0.1709
19	-2.20	0.0088	0.0379	19	-2.20	0.	0.	19	-1.40	0.0490	0.2199
20	-2.10	0.0108	0.0486	20	-2.10	0.	0.	20	-1.20	0.0456	0.2655
21	-2.00	0.0138	0.0624	21	-2.00	0.	0.	21	-1.00	0.0398	0.3053
22	-1.90	0.0184	0.0808	22	-1.90	0.0001	0.0001	22	-0.80	0.0414	0.3467
23	-1.80	0.0197	0.1005	23	-1.80	0.	0.0001	23	-0.60	0.0402	0.3869
24	-1.70	0.0211	0.1215	24	-1.70	0.	0.0001	24	-0.40	0.0311	0.4180
25	-1.60	0.0231	0.1446	25	-1.60	0.	0.0001	25	-0.20	0.0342	0.4522
26	-1.50	0.0232	0.1678	26	-1.50	0.	0.0001	26	0.	0.0383	0.4904
27	-1.40	0.0261	0.1939	27	-1.40	0.	0.0001	27	0.20	0.0347	0.5252
28	-1.30	0.0237	0.2176	28	-1.30	0.0004	0.0005	28	0.40	0.0367	0.5618
29	-1.20	0.0252	0.2428	29	-1.20	0.0001	0.0007	29	0.60	0.0353	0.5981
30	-1.10	0.0239	0.2667	30	-1.10	0.0008	0.0014	30	0.80	0.0371	0.6352
31	-1.00	0.0216	0.2883	31	-1.00	0.0021	0.0035	31	1.00	0.0421	0.6773
32	-0.90	0.0223	0.3106	32	-0.90	0.0046	0.0081	32	1.20	0.0444	0.7217
33	-0.80	0.0208	0.3314	33	-0.80	0.0090	0.0172	33	1.40	0.0476	0.7693
34	-0.70	0.0188	0.3502	34	-0.70	0.0161	0.0333	34	1.60	0.0418	0.8111
35	-0.60	0.0184	0.3686	35	-0.60	0.0335	0.0668	35	1.80	0.0329	0.8439
36	-0.50	0.0163	0.3850	36	-0.50	0.0507	0.1175	36	2.00	0.0305	0.8745
37	-0.40	0.0155	0.4004	37	-0.40	0.0853	0.2028	37	2.20	0.0317	0.9062
38	-0.30	0.0167	0.4171	38	-0.30	0.1027	0.3056	38	2.40	0.0273	0.9464
39	-0.20	0.0196	0.4367	39	-0.20	0.1335	0.4391	39	2.60	0.0229	0.9693
40	-0.10	0.0158	0.4525	40	-0.10	0.1275	0.5666	40	2.80	0.0123	0.9817
41	0.	0.0175	0.4700	41	0.	0.1212	0.6878	41	3.00	0.0089	0.9906
42	0.10	0.0166	0.4866	42	0.10	0.1014	0.7892	42	3.20	0.0045	0.9950
43	0.20	0.0178	0.5044	43	0.20	0.0727	0.8619	43	3.40	0.0022	0.9972
44	0.30	0.0149	0.5193	44	0.30	0.0421	0.9040	44	3.60	0.0012	0.9984
45	0.40	0.0185	0.5377	45	0.40	0.0265	0.9304	45	3.80	0.0011	0.9995
46	0.50	0.0151	0.5529	46	0.50	0.0198	0.9502	46	4.00	0.0003	0.9997
47	0.60	0.0159	0.5688	47	0.60	0.0159	0.9661	47	4.20	0.0001	0.9999
48	0.70	0.0173	0.5850	48	0.70	0.0090	0.9751	48	4.40	0.0001	1.0000
49	0.80	0.0178	0.6038	49	0.80	0.0059	0.9810	49	4.60	0.	1.0000
50	0.90	0.0206	0.6244	50	0.90	0.0058	0.9868	50	4.80	0.	1.0000
51	1.00	0.0225	0.6469	51	1.00	0.0031	0.9899	51	5.00	0.	1.0000
52	1.10	0.0197	0.6667	52	1.10	0.0043	0.9942	52	5.20	0.	1.0000
53	1.20	0.0208	0.6875	53	1.20	0.0029	0.9971	53	5.40	0.	1.0000
54	1.30	0.0239	0.7114	54	1.30	0.0012	0.9983	54	5.60	0.	1.0000
55	1.40	0.0237	0.7351	55	1.40	0.0009	0.9992	55	5.80	0.	1.0000
56	1.50	0.0211	0.7562	56	1.50	0.0007	0.9999	56	6.00	0.	1.0000
57	1.60	0.0192	0.7753	57	1.60	0.0001	1.0000	57	6.20	0.	1.0000
58	1.70	0.0211	0.7964	58	1.70	0.	1.0000	58	6.40	0.	1.0000
59	1.80	0.0217	0.8181	59	1.80	0.	1.0000	59	6.60	0.	1.0000
60	1.90	0.0229	0.8409	60	1.90	0.	1.0000	60	6.80	0.	1.0000
61	2.00	0.0217	0.8627	61	2.00	0.	1.0000	61	7.00	0.	1.0000
62	2.10	0.0179	0.8806	62	2.10	0.	1.0000				
63	2.20	0.0181	0.8987	63	2.20	0.	1.0000				
64	2.30	0.0193	0.9180	64	2.30	0.	1.0000				
65	2.40	0.0130	0.9310	65	2.40	0.	1.0000				
66	2.50	0.0136	0.9446	66	2.50	0.	1.0000				
67	2.60	0.0121	0.9566	67	2.60	0.	1.0000				
68	2.70	0.0123	0.9689	68	2.70	0.	1.0000				
69	2.80	0.0093	0.9782	69	2.80	0.	1.0000				
70	2.90	0.0054	0.9835	70	2.90	0.	1.0000				
71	3.00	0.0046	0.9881	71	3.00	0.	1.0000				
72	3.10	0.0036	0.9917	72	3.10	0.	1.0000				
73	3.20	0.0028	0.9945	73	3.20	0.	1.0000				
74	3.30	0.0021	0.9966	74	3.30	0.	1.0000				
75	3.40	0.0016	0.9982	75	3.40	0.	1.0000				
76	3.50	0.0010	0.9992	76	3.50	0.	1.0000				
77	3.60	0.0008	1.0000	77	3.60	0.	1.0000				
78	3.70	0.	1.0000	78	3.70	0.	1.0000				
79	3.80	0.	1.0000	79	3.80	0.	1.0000				
80	3.90	0.	1.0000	80	3.90	0.	1.0000				
81	4.00	0.	1.0000	81	4.00	0.	1.0000				

I - INTERVAL NUMBER X - INTERVAL CENTER VALUE

P(X) - PROBABILITY MASS FUNCTION F(X) - CUMULATIVE DISTRIBUTION FUNCTION

ATLANTIC CITY N.J.

STATISTICS FOR SEPTEMBER

ASTRONOMICAL TIDE				STORM SURGE				TOTAL WATER LEVEL			
MEAN 0.26		STND DEV 1.52		MEAN-0.08		STND DEV 0.39		MEAN 0.18		STND DEV 1.53	
I	X	P(X)	F(X)	I	X	P(X)	F(X)	I	X	P(X)	F(X)
1	-4.00	0.	0.	1	-4.00	0.	0.	1	-5.00	0.	0.
2	-3.90	0.	0.	2	-3.90	0.	0.	2	-4.80	0.	0.
3	-3.80	0.	0.	3	-3.80	0.	0.	3	-4.60	0.	0.
4	-3.70	0.	0.	4	-3.70	0.	0.	4	-4.40	0.	0.
5	-3.60	0.	0.	5	-3.60	0.	0.	5	-4.20	0.	0.
6	-3.50	0.	0.	6	-3.50	0.	0.	6	-4.00	0.	0.
7	-3.40	0.	0.	7	-3.40	0.	0.	7	-3.80	0.0001	0.0001
8	-3.30	0.	0.	8	-3.30	0.	0.	8	-3.60	0.0004	0.0006
9	-3.20	0.	0.	9	-3.20	0.	0.	9	-3.40	0.0013	0.0018
10	-3.10	0.	0.	10	-3.10	0.	0.	10	-3.20	0.0021	0.0039
11	-3.00	0.0007	0.0007	11	-3.00	0.	0.	11	-3.00	0.0034	0.0073
12	-2.90	0.0016	0.0023	12	-2.90	0.	0.	12	-2.80	0.0059	0.0132
13	-2.80	0.0035	0.0058	13	-2.80	0.	0.	13	-2.60	0.0093	0.0225
14	-2.70	0.0030	0.0088	14	-2.70	0.	0.	14	-2.40	0.0125	0.0351
15	-2.60	0.0042	0.0130	15	-2.60	0.	0.	15	-2.20	0.0191	0.0542
16	-2.50	0.0046	0.0176	16	-2.50	0.	0.	16	-2.00	0.0277	0.0819
17	-2.40	0.0054	0.0230	17	-2.40	0.	0.	17	-1.80	0.0376	0.1195
18	-2.30	0.0076	0.0307	18	-2.30	0.	0.	18	-1.60	0.0424	0.1619
19	-2.20	0.0090	0.0397	19	-2.20	0.0001	0.0001	19	-1.40	0.0484	0.2103
20	-2.10	0.0112	0.0509	20	-2.10	0.	0.0001	20	-1.20	0.0491	0.2594
21	-2.00	0.0130	0.0639	21	-2.00	0.	0.0001	21	-1.00	0.0439	0.3034
22	-1.90	0.0179	0.0818	22	-1.90	0.	0.0001	22	-0.80	0.0400	0.3433
23	-1.80	0.0169	0.0987	23	-1.80	0.	0.0001	23	-0.60	0.0367	0.3801
24	-1.70	0.0190	0.1177	24	-1.70	0.	0.0001	24	-0.40	0.0348	0.4148
25	-1.60	0.0222	0.1399	25	-1.60	0.0001	0.0003	25	-0.20	0.0370	0.4519
26	-1.50	0.0221	0.1620	26	-1.50	0.	0.0003	26	0.	0.0366	0.4885
27	-1.40	0.0252	0.1873	27	-1.40	0.0004	0.0007	27	0.20	0.0324	0.5208
28	-1.30	0.0234	0.2107	28	-1.30	0.0003	0.0010	28	0.40	0.0376	0.5584
29	-1.20	0.0228	0.2334	29	-1.20	0.0007	0.0017	29	0.60	0.0380	0.5964
30	-1.10	0.0220	0.2554	30	-1.10	0.0022	0.0039	30	0.80	0.0404	0.6368
31	-1.00	0.0222	0.2777	31	-1.00	0.0044	0.0083	31	1.00	0.0365	0.6733
32	-0.90	0.0243	0.3020	32	-0.90	0.0094	0.0177	32	1.20	0.0438	0.7171
33	-0.80	0.0221	0.3241	33	-0.80	0.0144	0.0321	33	1.40	0.0448	0.7618
34	-0.70	0.0184	0.3425	34	-0.70	0.0244	0.0565	34	1.60	0.0415	0.8034
35	-0.60	0.0176	0.3601	35	-0.60	0.0446	0.1011	35	1.80	0.0398	0.8432
36	-0.50	0.0192	0.3793	36	-0.50	0.0642	0.1653	36	2.00	0.0360	0.8792
37	-0.40	0.0178	0.3971	37	-0.40	0.0781	0.2434	37	2.20	0.0346	0.9139
38	-0.30	0.0182	0.4153	38	-0.30	0.0921	0.3354	38	2.40	0.0251	0.9389
39	-0.20	0.0154	0.4307	39	-0.20	0.1084	0.4438	39	2.60	0.0224	0.9613
40	-0.10	0.0161	0.4468	40	-0.10	0.1071	0.5510	40	2.80	0.0163	0.9776
41	0.	0.0160	0.4627	41	0.	0.1077	0.6586	41	3.00	0.0110	0.9886
42	0.10	0.0175	0.4802	42	0.10	0.0902	0.7489	42	3.20	0.0066	0.9952
43	0.20	0.0167	0.4969	43	0.20	0.0704	0.8193	43	3.40	0.0024	0.9976
44	0.30	0.0152	0.5120	44	0.30	0.0567	0.8760	44	3.60	0.0010	0.9986
45	0.40	0.0164	0.5285	45	0.40	0.0415	0.9175	45	3.80	0.0007	0.9993
46	0.50	0.0169	0.5454	46	0.50	0.0284	0.9460	46	4.00	0.0004	0.9997
47	0.60	0.0173	0.5626	47	0.60	0.0180	0.9640	47	4.20	0.0003	1.0000
48	0.70	0.0193	0.5819	48	0.70	0.0104	0.9744	48	4.40	0.	1.0000
49	0.80	0.0197	0.6016	49	0.80	0.0096	0.9839	49	4.60	0.	1.0000
50	0.90	0.0152	0.6168	50	0.90	0.0055	0.9894	50	4.80	0.	1.0000
51	1.00	0.0174	0.6341	51	1.00	0.0039	0.9934	51	5.00	0.	1.0000
52	1.10	0.0213	0.6554	52	1.10	0.0024	0.9958	52	5.20	0.	1.0000
53	1.20	0.0236	0.6790	53	1.20	0.0010	0.9968	53	5.40	0.	1.0000
54	1.30	0.0243	0.7034	54	1.30	0.0011	0.9979	54	5.60	0.	1.0000
55	1.40	0.0215	0.7249	55	1.40	0.0007	0.9986	55	5.80	0.	1.0000
56	1.50	0.0210	0.7458	56	1.50	0.0007	0.9993	56	6.00	0.	1.0000
57	1.60	0.0219	0.7677	57	1.60	0.0001	0.9994	57	6.20	0.	1.0000
58	1.70	0.0205	0.7882	58	1.70	0.0001	0.9996	58	6.40	0.	1.0000
59	1.80	0.0199	0.8081	59	1.80	0.0004	1.0000	59	6.60	0.	1.0000
60	1.90	0.0214	0.8295	60	1.90	0.	1.0000	60	6.80	0.	1.0000
61	2.00	0.0213	0.8508	61	2.00	0.	1.0000	61	7.00	0.	1.0000
62	2.10	0.0237	0.8745	62	2.10	0.	1.0000				
63	2.20	0.0194	0.8940	63	2.20	0.	1.0000				
64	2.30	0.0212	0.9152	64	2.30	0.	1.0000				
65	2.40	0.0162	0.9314	65	2.40	0.	1.0000				
66	2.50	0.0164	0.9478	66	2.50	0.	1.0000				
67	2.60	0.0137	0.9615	67	2.60	0.	1.0000				
68	2.70	0.0098	0.9713	68	2.70	0.	1.0000				
69	2.80	0.0089	0.9802	69	2.80	0.	1.0000				
70	2.90	0.0058	0.9860	70	2.90	0.	1.0000				
71	3.00	0.0042	0.9902	71	3.00	0.	1.0000				
72	3.10	0.0046	0.9948	72	3.10	0.	1.0000				
73	3.20	0.0028	0.9976	73	3.20	0.	1.0000				
74	3.30	0.0016	0.9992	74	3.30	0.	1.0000				
75	3.40	0.0005	0.9997	75	3.40	0.	1.0000				
76	3.50	0.0003	1.0000	76	3.50	0.	1.0000				
77	3.60	0.	1.0000	77	3.60	0.	1.0000				
78	3.70	0.	1.0000	78	3.70	0.	1.0000				
79	3.80	0.	1.0000	79	3.80	0.	1.0000				
80	3.90	0.	1.0000	80	3.90	0.	1.0000				
81	4.00	0.	1.0000	81	4.00	0.	1.0000				

I - INTERVAL NUMBER X - INTERVAL CENTER VALUE

P(X) - PROBABILITY MASS FUNCTION F(X) - CUMULATIVE DISTRIBUTION FUNCTION

ATLANTIC CITY N.J.

STATISTICS FOR OCTOBER

ASTRONOMICAL TIDE				STORM SURGE				TOTAL WATER LEVEL			
MEAN 0.16		STND DEV 1.53		MEAN 0.02		STND DEV 0.55		MEAN 0.19		STND DEV 1.58	
I	X	P(X)	F(X)	I	X	P(X)	F(X)	I	X	P(X)	F(X)
1	-4.00	0.	0.	1	-4.00	0.	0.	1	-5.00	0.0001	0.0001
2	-3.90	0.	0.	2	-3.90	0.	0.	2	-4.80	0.0001	0.0003
3	-3.80	0.	0.	3	-3.80	0.	0.	3	-4.60	0.	0.0003
4	-3.70	0.	0.	4	-3.70	0.	0.	4	-4.40	0.0003	0.0006
5	-3.60	0.	0.	5	-3.60	0.	0.	5	-4.20	0.0003	0.0009
6	-3.50	0.	0.	6	-3.50	0.	0.	6	-4.00	0.0001	0.0010
7	-3.40	0.	0.	7	-3.40	0.	0.	7	-3.80	0.0010	0.0021
8	-3.30	0.	0.	8	-3.30	0.	0.	8	-3.60	0.0007	0.0028
9	-3.20	0.	0.	9	-3.20	0.	0.	9	-3.40	0.0012	0.0040
10	-3.10	0.0004	0.0004	10	-3.10	0.	0.	10	-3.20	0.0025	0.0065
11	-3.00	0.0017	0.0021	11	-3.00	0.	0.	11	-3.00	0.0041	0.0106
12	-2.90	0.0030	0.0051	12	-2.90	0.0001	0.0001	12	-2.80	0.0060	0.0166
13	-2.80	0.0032	0.0083	13	-2.80	0.0001	0.0003	13	-2.60	0.0116	0.0283
14	-2.70	0.0038	0.0121	14	-2.70	0.	0.0003	14	-2.40	0.0168	0.0450
15	-2.60	0.0054	0.0175	15	-2.60	0.0003	0.0006	15	-2.20	0.0202	0.0652
16	-2.50	0.0067	0.0242	16	-2.50	0.	0.0006	16	-2.00	0.0287	0.0939
17	-2.40	0.0073	0.0315	17	-2.40	0.0003	0.0009	17	-1.80	0.0333	0.1272
18	-2.30	0.0099	0.0414	18	-2.30	0.0001	0.0010	18	-1.60	0.0436	0.1708
19	-2.20	0.0108	0.0521	19	-2.20	0.0004	0.0015	19	-1.40	0.0423	0.2130
20	-2.10	0.0136	0.0657	20	-2.10	0.0006	0.0021	20	-1.20	0.0399	0.2529
21	-2.00	0.0179	0.0836	21	-2.00	0.0003	0.0024	21	-1.00	0.0431	0.2961
22	-1.90	0.0177	0.1013	22	-1.90	0.0015	0.0038	22	-0.80	0.0365	0.3326
23	-1.80	0.0196	0.1210	23	-1.80	0.0010	0.0049	23	-0.60	0.0402	0.3728
24	-1.70	0.0202	0.1411	24	-1.70	0.0004	0.0053	24	-0.40	0.0358	0.4086
25	-1.60	0.0226	0.1637	25	-1.60	0.0004	0.0057	25	-0.20	0.0408	0.4493
26	-1.50	0.0220	0.1858	26	-1.50	0.0004	0.0062	26	0.	0.0318	0.4812
27	-1.40	0.0223	0.2081	27	-1.40	0.0012	0.0074	27	0.20	0.0380	0.5191
28	-1.30	0.0211	0.2292	28	-1.30	0.0034	0.0108	28	0.40	0.0352	0.5543
29	-1.20	0.0218	0.2509	29	-1.20	0.0043	0.0150	29	0.60	0.0367	0.5910
30	-1.10	0.0258	0.2767	30	-1.10	0.0063	0.0214	30	0.80	0.0377	0.6287
31	-1.00	0.0204	0.2972	31	-1.00	0.0079	0.0293	31	1.00	0.0439	0.6726
32	-0.90	0.0223	0.3195	32	-0.90	0.0104	0.0397	32	1.20	0.0403	0.7129
33	-0.80	0.0207	0.3402	33	-0.80	0.0141	0.0539	33	1.40	0.0412	0.7541
34	-0.70	0.0204	0.3606	34	-0.70	0.0216	0.0755	34	1.60	0.0442	0.7983
35	-0.60	0.0177	0.3784	35	-0.60	0.0295	0.1050	35	1.80	0.0400	0.8383
36	-0.50	0.0180	0.3964	36	-0.50	0.0436	0.1486	36	2.00	0.0392	0.8775
37	-0.40	0.0176	0.4140	37	-0.40	0.0539	0.2024	37	2.20	0.0321	0.9096
38	-0.30	0.0160	0.4300	38	-0.30	0.0810	0.2834	38	2.40	0.0247	0.9343
39	-0.20	0.0165	0.4465	39	-0.20	0.0928	0.3762	39	2.60	0.0209	0.9552
40	-0.10	0.0155	0.4620	40	-0.10	0.0978	0.4739	40	2.80	0.0156	0.9708
41	0.	0.0137	0.4757	41	0.	0.0926	0.5666	41	3.00	0.0097	0.9806
42	0.10	0.0169	0.4926	42	0.10	0.0844	0.6509	42	3.20	0.0075	0.9881
43	0.20	0.0176	0.5102	43	0.20	0.0736	0.7245	43	3.40	0.0044	0.9925
44	0.30	0.0176	0.5278	44	0.30	0.0595	0.7840	44	3.60	0.0037	0.9962
45	0.40	0.0160	0.5438	45	0.40	0.0440	0.8280	45	3.80	0.0022	0.9984
46	0.50	0.0172	0.5610	46	0.50	0.0386	0.8666	46	4.00	0.0009	0.9993
47	0.60	0.0187	0.5797	47	0.60	0.0281	0.8947	47	4.20	0.	0.9993
48	0.70	0.0171	0.5968	48	0.70	0.0194	0.9142	48	4.40	0.0001	0.9994
49	0.80	0.0160	0.6128	49	0.80	0.0160	0.9302	49	4.60	0.	0.9994
50	0.90	0.0219	0.6347	50	0.90	0.0153	0.9455	50	4.80	0.0001	0.9996
51	1.00	0.0207	0.6554	51	1.00	0.0106	0.9561	51	5.00	0.	0.9996
52	1.10	0.0214	0.6767	52	1.10	0.0094	0.9655	52	5.20	0.0001	0.9997
53	1.20	0.0225	0.6992	53	1.20	0.0060	0.9716	53	5.40	0.0001	0.9998
54	1.30	0.0216	0.7208	54	1.30	0.0050	0.9766	54	5.60	0.0001	1.0000
55	1.40	0.0211	0.7419	55	1.40	0.0054	0.9820	55	5.80	0.	1.0000
56	1.50	0.0233	0.7652	56	1.50	0.0037	0.9857	56	6.00	0.	1.0000
57	1.60	0.0229	0.7880	57	1.60	0.0037	0.9894	57	6.20	0.	1.0000
58	1.70	0.0212	0.8093	58	1.70	0.0032	0.9926	58	6.40	0.	1.0000
59	1.80	0.0234	0.8327	59	1.80	0.0025	0.9951	59	6.60	0.	1.0000
60	1.90	0.0233	0.8559	60	1.90	0.0025	0.9976	60	6.80	0.	1.0000
61	2.00	0.0204	0.8763	61	2.00	0.0007	0.9984	61	7.00	0.	1.0000
62	2.10	0.0227	0.8991	62	2.10	0.0007	0.9991				
63	2.20	0.0172	0.9163	63	2.20	0.0001	0.9993				
64	2.30	0.0173	0.9336	64	2.30	0.0001	0.9994				
65	2.40	0.0167	0.9503	65	2.40	0.0001	0.9996				
66	2.50	0.0097	0.9600	66	2.50	0.0001	0.9997				
67	2.60	0.0094	0.9694	67	2.60	0.	0.9997				
68	2.70	0.0066	0.9759	68	2.70	0.	0.9997				
69	2.80	0.0071	0.9831	69	2.80	0.	0.9997				
70	2.90	0.0035	0.9866	70	2.90	0.	0.9997				
71	3.00	0.0040	0.9906	71	3.00	0.	0.9997				
72	3.10	0.0035	0.9941	72	3.10	0.	0.9997				
73	3.20	0.0030	0.9970	73	3.20	0.0001	0.9998				
74	3.30	0.0012	0.9983	74	3.30	0.	0.9998				
75	3.40	0.0005	0.9988	75	3.40	0.0001	1.0000				
76	3.50	0.0009	0.9997	76	3.50	0.	1.0000				
77	3.60	0.0003	1.0000	77	3.60	0.	1.0000				
78	3.70	0.	1.0000	78	3.70	0.	1.0000				
79	3.80	0.	1.0000	79	3.80	0.	1.0000				
80	3.90	0.	1.0000	80	3.90	0.	1.0000				
81	4.00	0.	1.0000	81	4.00	0.	1.0000				

I - INTERVAL NUMBER X - INTERVAL CENTER VALUE

P(X) - PROBABILITY MASS FUNCTION F(X) - CUMULATIVE DISTRIBUTION FUNCTION

ATLANTIC CITY N.J.

STATISTICS FOR NOVEMBER

ASTRONOMICAL TIDE				STORM SURGE				TOTAL WATER LEVEL			
MEAN-0.02		STND DEV 1.53		MEAN 0.00		STND DEV 0.62		MEAN-0.01		STND DEV 1.60	
I	X	P(X)	F(X)	I	X	P(X)	F(X)	I	X	P(X)	F(X)
1	-4.00	0.	0.	1	-4.00	0.	0.	1	-5.00	0.0001	0.0001
2	-3.90	0.	0.	2	-3.90	0.	0.	2	-4.80	0.0001	0.0002
3	-3.80	0.	0.	3	-3.80	0.	0.	3	-4.60	0.	0.0002
4	-3.70	0.	0.	4	-3.70	0.	0.	4	-4.40	0.	0.0002
5	-3.60	0.	0.	5	-3.60	0.	0.	5	-4.20	0.0002	0.0005
6	-3.50	0.	0.	6	-3.50	0.	0.	6	-4.00	0.0002	0.0007
7	-3.40	0.	0.	7	-3.40	0.	0.	7	-3.80	0.0012	0.0019
8	-3.30	0.	0.	8	-3.30	0.	0.	8	-3.60	0.0016	0.0035
9	-3.20	0.0003	0.0003	9	-3.20	0.0002	0.0002	9	-3.40	0.0039	0.0074
10	-3.10	0.0013	0.0016	10	-3.10	0.	0.0002	10	-3.20	0.0054	0.0128
11	-3.00	0.0024	0.0040	11	-3.00	0.0001	0.0004	11	-3.00	0.0076	0.0203
12	-2.90	0.0049	0.0089	12	-2.90	0.	0.0004	12	-2.80	0.0138	0.0342
13	-2.80	0.0051	0.0140	13	-2.80	0.	0.0004	13	-2.60	0.0149	0.0491
14	-2.70	0.0057	0.0197	14	-2.70	0.0004	0.0007	14	-2.40	0.0281	0.0772
15	-2.60	0.0059	0.0256	15	-2.60	0.0004	0.0011	15	-2.20	0.0272	0.1044
16	-2.50	0.0081	0.0337	16	-2.50	0.0006	0.0017	16	-2.00	0.0312	0.1356
17	-2.40	0.0117	0.0454	17	-2.40	0.0004	0.0021	17	-1.80	0.0364	0.1720
18	-2.30	0.0134	0.0588	18	-2.30	0.0007	0.0028	18	-1.60	0.0356	0.2076
19	-2.20	0.0176	0.0764	19	-2.20	0.0010	0.0037	19	-1.40	0.0408	0.2484
20	-2.10	0.0189	0.0953	20	-2.10	0.0013	0.0051	20	-1.20	0.0417	0.2901
21	-2.00	0.0200	0.1153	21	-2.00	0.0014	0.0065	21	-1.00	0.0438	0.3339
22	-1.90	0.0232	0.1384	22	-1.90	0.0008	0.0074	22	-0.80	0.0393	0.3732
23	-1.80	0.0207	0.1591	23	-1.80	0.0010	0.0083	23	-0.60	0.0366	0.4098
24	-1.70	0.0216	0.1808	24	-1.70	0.0024	0.0107	24	-0.40	0.0353	0.4451
25	-1.60	0.0256	0.2064	25	-1.60	0.0033	0.0140	25	-0.20	0.0366	0.4817
26	-1.50	0.0238	0.2302	26	-1.50	0.0019	0.0159	26	0.	0.0375	0.5191
27	-1.40	0.0223	0.2525	27	-1.40	0.0036	0.0195	27	0.20	0.0353	0.5544
28	-1.30	0.0247	0.2772	28	-1.30	0.0072	0.0267	28	0.40	0.0394	0.5938
29	-1.20	0.0215	0.2987	29	-1.20	0.0100	0.0367	29	0.60	0.0362	0.6301
30	-1.10	0.0207	0.3194	30	-1.10	0.0104	0.0471	30	0.80	0.0405	0.6705
31	-1.00	0.0190	0.3384	31	-1.00	0.0114	0.0585	31	1.00	0.0460	0.7165
32	-0.90	0.0183	0.3567	32	-0.90	0.0169	0.0754	32	1.20	0.0383	0.7548
33	-0.80	0.0205	0.3772	33	-0.80	0.0232	0.0986	33	1.40	0.0429	0.7977
34	-0.70	0.0178	0.3950	34	-0.70	0.0315	0.1302	34	1.60	0.0383	0.8360
35	-0.60	0.0161	0.4111	35	-0.60	0.0347	0.1649	35	1.80	0.0364	0.8723
36	-0.50	0.0155	0.4266	36	-0.50	0.0395	0.2044	36	2.00	0.0303	0.9027
37	-0.40	0.0157	0.4424	37	-0.40	0.0524	0.2567	37	2.20	0.0251	0.9277
38	-0.30	0.0149	0.4573	38	-0.30	0.0565	0.3132	38	2.40	0.0225	0.9503
39	-0.20	0.0182	0.4755	39	-0.20	0.0652	0.3784	39	2.60	0.0149	0.9652
40	-0.10	0.0166	0.4920	40	-0.10	0.0749	0.4533	40	2.80	0.0117	0.9769
41	0.	0.0171	0.5091	41	0.	0.0717	0.5249	41	3.00	0.0090	0.9859
42	0.10	0.0163	0.5255	42	0.10	0.0763	0.6013	42	3.20	0.0061	0.9920
43	0.20	0.0161	0.5416	43	0.20	0.0649	0.6662	43	3.40	0.0043	0.9964
44	0.30	0.0156	0.5572	44	0.30	0.0588	0.7250	44	3.60	0.0012	0.9976
45	0.40	0.0182	0.5754	45	0.40	0.0605	0.7854	45	3.80	0.0018	0.9994
46	0.50	0.0175	0.5928	46	0.50	0.0484	0.8338	46	4.00	0.0005	0.9999
47	0.60	0.0199	0.6127	47	0.60	0.0356	0.8695	47	4.20	0.	0.9999
48	0.70	0.0184	0.6311	48	0.70	0.0270	0.8964	48	4.40	0.0001	1.0000
49	0.80	0.0185	0.6497	49	0.80	0.0248	0.9212	49	4.60	0.	1.0000
50	0.90	0.0173	0.6669	50	0.90	0.0187	0.9399	50	4.80	0.	1.0000
51	1.00	0.0242	0.6911	51	1.00	0.0167	0.9566	51	5.00	0.	1.0000
52	1.10	0.0249	0.7160	52	1.10	0.0131	0.9698	52	5.20	0.	1.0000
53	1.20	0.0262	0.7421	53	1.20	0.0113	0.9811	53	5.40	0.	1.0000
54	1.30	0.0267	0.7689	54	1.30	0.0069	0.9880	54	5.60	0.	1.0000
55	1.40	0.0235	0.7924	55	1.40	0.0035	0.9914	55	5.80	0.	1.0000
56	1.50	0.0264	0.8188	56	1.50	0.0034	0.9948	56	6.00	0.	1.0000
57	1.60	0.0249	0.8436	57	1.60	0.0013	0.9962	57	6.20	0.	1.0000
58	1.70	0.0211	0.8647	58	1.70	0.0021	0.9982	58	6.40	0.	1.0000
59	1.80	0.0181	0.8827	59	1.80	0.0006	0.9988	59	6.60	0.	1.0000
60	1.90	0.0177	0.9005	60	1.90	0.0002	0.9990	60	6.80	0.	1.0000
61	2.00	0.0142	0.9147	61	2.00	0.0004	0.9994	61	7.00	0.	1.0000
62	2.10	0.0116	0.9263	62	2.10	0.0001	0.9995				
63	2.20	0.0123	0.9385	63	2.20	0.0002	0.9998				
64	2.30	0.0089	0.9474	64	2.30	0.0001	0.9999				
65	2.40	0.0090	0.9565	65	2.40	0.0001	1.0000				
66	2.50	0.0104	0.9669	66	2.50	0.	1.0000				
67	2.60	0.0060	0.9729	67	2.60	0.	1.0000				
68	2.70	0.0042	0.9771	68	2.70	0.	1.0000				
69	2.80	0.0053	0.9824	69	2.80	0.	1.0000				
70	2.90	0.0040	0.9865	70	2.90	0.	1.0000				
71	3.00	0.0030	0.9895	71	3.00	0.	1.0000				
72	3.10	0.0037	0.9932	72	3.10	0.	1.0000				
73	3.20	0.0019	0.9950	73	3.20	0.	1.0000				
74	3.30	0.0024	0.9975	74	3.30	0.	1.0000				
75	3.40	0.0015	0.9990	75	3.40	0.	1.0000				
76	3.50	0.0009	0.9999	76	3.50	0.	1.0000				
77	3.60	0.0001	1.0000	77	3.60	0.	1.0000				
78	3.70	0.	1.0000	78	3.70	0.	1.0000				
79	3.80	0.	1.0000	79	3.80	0.	1.0000				
80	3.90	0.	1.0000	80	3.90	0.	1.0000				
81	4.00	0.	1.0000	81	4.00	0.	1.0000				

I - INTERVAL NUMBER X - INTERVAL CENTER VALUE

P(X) - PROBABILITY MASS FUNCTION F(X) - CUMULATIVE DISTRIBUTION FUNCTION

ATLANTIC CITY N.J.

STATISTICS FOR DECEMBER

ASTRONOMICAL TIDE				STORM SURGE				TOTAL WATER LEVEL			
MEAN-0.18		STND DEV 1.52		MEAN-0.03		STND DEV 0.71		MEAN-0.22		STND DEV 1.63	
I	X	P(X)	F(X)	I	X	P(X)	F(X)	I	X	P(X)	F(X)
1	-4.00	0.	0.	1	-4.00	0.	0.	1	-5.00	0.	0.
2	-3.90	0.	0.	2	-3.90	0.	0.	2	-4.80	0.0001	0.0001
3	-3.80	0.	0.	3	-3.80	0.	0.	3	-4.60	0.0001	0.0003
4	-3.70	0.	0.	4	-3.70	0.	0.	4	-4.40	0.0003	0.0005
5	-3.60	0.	0.	5	-3.60	0.	0.	5	-4.20	0.0010	0.0015
6	-3.50	0.	0.	6	-3.50	0.	0.	6	-4.00	0.0015	0.0030
7	-3.40	0.	0.	7	-3.40	0.	0.	7	-3.80	0.0030	0.0060
8	-3.30	0.	0.	8	-3.30	0.	0.	8	-3.60	0.0041	0.0101
9	-3.20	0.0003	0.0003	9	-3.20	0.	0.	9	-3.40	0.0072	0.0173
10	-3.10	0.0013	0.0016	10	-3.10	0.	0.	10	-3.20	0.0094	0.0267
11	-3.00	0.0030	0.0046	11	-3.00	0.	0.	11	-3.00	0.0127	0.0394
12	-2.90	0.0047	0.0093	12	-2.90	0.	0.	12	-2.80	0.0176	0.0569
13	-2.80	0.0070	0.0163	13	-2.80	0.	0.	13	-2.60	0.0221	0.0790
14	-2.70	0.0085	0.0247	14	-2.70	0.0003	0.0003	14	-2.40	0.0283	0.1073
15	-2.60	0.0117	0.0364	15	-2.60	0.0004	0.0007	15	-2.20	0.0311	0.1383
16	-2.50	0.0110	0.0474	16	-2.50	0.0001	0.0008	16	-2.00	0.0366	0.1750
17	-2.40	0.0160	0.0634	17	-2.40	0.0001	0.0010	17	-1.80	0.0332	0.2082
18	-2.30	0.0144	0.0778	18	-2.30	0.0003	0.0012	18	-1.60	0.0406	0.2488
19	-2.20	0.0206	0.0984	19	-2.20	0.0005	0.0018	19	-1.40	0.0415	0.2903
20	-2.10	0.0247	0.1231	20	-2.10	0.0008	0.0026	20	-1.20	0.0437	0.3340
21	-2.00	0.0258	0.1489	21	-2.00	0.0014	0.0039	21	-1.00	0.0419	0.3760
22	-1.90	0.0281	0.1770	22	-1.90	0.0022	0.0061	22	-0.80	0.0345	0.4104
23	-1.80	0.0249	0.2019	23	-1.80	0.0031	0.0093	23	-0.60	0.0368	0.4472
24	-1.70	0.0239	0.2258	24	-1.70	0.0052	0.0144	24	-0.40	0.0385	0.4857
25	-1.60	0.0241	0.2499	25	-1.60	0.0061	0.0206	25	-0.20	0.0362	0.5219
26	-1.50	0.0220	0.2719	26	-1.50	0.0071	0.0276	26	0.	0.0375	0.5594
27	-1.40	0.0211	0.2930	27	-1.40	0.0088	0.0365	27	0.20	0.0370	0.5964
28	-1.30	0.0225	0.3155	28	-1.30	0.0083	0.0448	28	0.40	0.0414	0.6378
29	-1.20	0.0204	0.3359	29	-1.20	0.0091	0.0539	29	0.60	0.0442	0.6820
30	-1.10	0.0160	0.3519	30	-1.10	0.0125	0.0664	30	0.80	0.0426	0.7247
31	-1.00	0.0210	0.3729	31	-1.00	0.0170	0.0835	31	1.00	0.0410	0.7657
32	-0.90	0.0164	0.3892	32	-0.90	0.0196	0.1031	32	1.20	0.0403	0.8060
33	-0.80	0.0177	0.4070	33	-0.80	0.0248	0.1279	33	1.40	0.0334	0.8393
34	-0.70	0.0156	0.4226	34	-0.70	0.0332	0.1611	34	1.60	0.0342	0.8735
35	-0.60	0.0176	0.4402	35	-0.60	0.0432	0.2043	35	1.80	0.0261	0.8997
36	-0.50	0.0165	0.4567	36	-0.50	0.0505	0.2548	36	2.00	0.0219	0.9216
37	-0.40	0.0161	0.4728	37	-0.40	0.0530	0.3077	37	2.20	0.0199	0.9414
38	-0.30	0.0179	0.4907	38	-0.30	0.0633	0.3711	38	2.40	0.0174	0.9589
39	-0.20	0.0164	0.5071	39	-0.20	0.0697	0.4408	39	2.60	0.0119	0.9707
40	-0.10	0.0144	0.5215	40	-0.10	0.0669	0.5076	40	2.80	0.0106	0.9813
41	0.	0.0157	0.5372	41	0.	0.0630	0.5707	41	3.00	0.0054	0.9868
42	0.10	0.0172	0.5544	42	0.10	0.0568	0.6274	42	3.20	0.0046	0.9914
43	0.20	0.0181	0.5726	43	0.20	0.0558	0.6833	43	3.40	0.0020	0.9935
44	0.30	0.0187	0.5913	44	0.30	0.0547	0.7380	44	3.60	0.0018	0.9952
45	0.40	0.0185	0.6098	45	0.40	0.0482	0.7862	45	3.80	0.0011	0.9963
46	0.50	0.0184	0.6282	46	0.50	0.0407	0.8269	46	4.00	0.0011	0.9974
47	0.60	0.0226	0.6508	47	0.60	0.0329	0.8599	47	4.20	0.0007	0.9981
48	0.70	0.0177	0.6685	48	0.70	0.0291	0.8890	48	4.40	0.0005	0.9986
49	0.80	0.0234	0.6919	49	0.80	0.0211	0.9101	49	4.60	0.0005	0.9992
50	0.90	0.0225	0.7144	50	0.90	0.0155	0.9257	50	4.80	0.0004	0.9996
51	1.00	0.0266	0.7410	51	1.00	0.0142	0.9398	51	5.00	0.0004	1.0000
52	1.10	0.0282	0.7692	52	1.10	0.0093	0.9491	52	5.20	0.	1.0000
53	1.20	0.0275	0.7968	53	1.20	0.0085	0.9576	53	5.40	0.	1.0000
54	1.30	0.0250	0.8218	54	1.30	0.0090	0.9666	54	5.60	0.	1.0000
55	1.40	0.0188	0.8406	55	1.40	0.0059	0.9725	55	5.80	0.	1.0000
56	1.50	0.0192	0.8598	56	1.50	0.0049	0.9774	56	6.00	0.	1.0000
57	1.60	0.0177	0.8775	57	1.60	0.0035	0.9809	57	6.20	0.	1.0000
58	1.70	0.0175	0.8950	58	1.70	0.0029	0.9838	58	6.40	0.	1.0000
59	1.80	0.0141	0.9091	59	1.80	0.0038	0.9876	59	6.60	0.	1.0000
60	1.90	0.0120	0.9211	60	1.90	0.0031	0.9907	60	6.80	0.	1.0000
61	2.00	0.0087	0.9298	61	2.00	0.0020	0.9928	61	7.00	0.	1.0000
62	2.10	0.0094	0.9392	62	2.10	0.0019	0.9947				
63	2.20	0.0085	0.9477	63	2.20	0.0010	0.9956				
64	2.30	0.0073	0.9550	64	2.30	0.0011	0.9967				
65	2.40	0.0085	0.9634	65	2.40	0.0008	0.9976				
66	2.50	0.0085	0.9719	66	2.50	0.0003	0.9978				
67	2.60	0.0055	0.9774	67	2.60	0.	0.9978				
68	2.70	0.0046	0.9820	68	2.70	0.0004	0.9982				
69	2.80	0.0042	0.9862	69	2.80	0.0007	0.9989				
70	2.90	0.0035	0.9897	70	2.90	0.0001	0.9990				
71	3.00	0.0032	0.9929	71	3.00	0.0001	0.9992				
72	3.10	0.0019	0.9948	72	3.10	0.	0.9992				
73	3.20	0.0023	0.9970	73	3.20	0.0001	0.9993				
74	3.30	0.0017	0.9988	74	3.30	0.0003	0.9996				
75	3.40	0.0008	0.9996	75	3.40	0.	0.9996				
76	3.50	0.0004	1.0000	76	3.50	0.0001	0.9997				
77	3.60	0.	1.0000	77	3.60	0.	0.9997				
78	3.70	0.	1.0000	78	3.70	0.	0.9997				
79	3.80	0.	1.0000	79	3.80	0.0001	0.9999				
80	3.90	0.	1.0000	80	3.90	0.	0.9999				
81	4.00	0.	1.0000	81	4.00	0.	0.9999				

I - INTERVAL NUMBER X - INTERVAL CENTER VALUE

P(X) - PROBABILITY MASS FUNCTION F(X) - CUMULATIVE DISTRIBUTION FUNCTION

LEWES DEL.

YEARLY STATISTICS

ASTRONOMICAL TIDE

MEAN-0.00 STND DEV 1.53

I	X	P(X)	F(X)
1	-4.00	0.	0.0000
2	-3.90	0.	0.0000
3	-3.80	0.	0.0000
4	-3.70	0.	0.0000
5	-3.60	0.	0.0000
6	-3.50	0.	0.0000
7	-3.40	0.	0.0000
8	-3.30	0.0001	0.0001
9	-3.20	0.0003	0.0004
10	-3.10	0.0007	0.0012
11	-3.00	0.0014	0.0025
12	-2.90	0.0019	0.0044
13	-2.80	0.0032	0.0077
14	-2.70	0.0050	0.0126
15	-2.60	0.0064	0.0190
16	-2.50	0.0080	0.0270
17	-2.40	0.0109	0.0379
18	-2.30	0.0131	0.0510
19	-2.20	0.0152	0.0662
20	-2.10	0.0179	0.0841
21	-2.00	0.0214	0.1055
22	-1.90	0.0232	0.1287
23	-1.80	0.0255	0.1542
24	-1.70	0.0258	0.1800
25	-1.60	0.0259	0.2058
26	-1.50	0.0253	0.2311
27	-1.40	0.0244	0.2556
28	-1.30	0.0227	0.2783
29	-1.20	0.0220	0.3002
30	-1.10	0.0206	0.3208
31	-1.00	0.0197	0.3405
32	-0.90	0.0187	0.3592
33	-0.80	0.0181	0.3773
34	-0.70	0.0175	0.3948
35	-0.60	0.0169	0.4117
36	-0.50	0.0167	0.4284
37	-0.40	0.0170	0.4454
38	-0.30	0.0162	0.4616
39	-0.20	0.0163	0.4779
40	-0.10	0.0162	0.4942
41	0.	0.0166	0.5107
42	0.10	0.0169	0.5276
43	0.20	0.0164	0.5440
44	0.30	0.0176	0.5616
45	0.40	0.0169	0.5785
46	0.50	0.0173	0.5958
47	0.60	0.0191	0.6149
48	0.70	0.0189	0.6339
49	0.80	0.0200	0.6538
50	0.90	0.0211	0.6749
51	1.00	0.0214	0.6964
52	1.10	0.0226	0.7190
53	1.20	0.0228	0.7418
54	1.30	0.0223	0.7642
55	1.40	0.0221	0.7863
56	1.50	0.0215	0.8078
57	1.60	0.0212	0.8289
58	1.70	0.0200	0.8489
59	1.80	0.0183	0.8672
60	1.90	0.0172	0.8845
61	2.00	0.0174	0.9019
62	2.10	0.0155	0.9174
63	2.20	0.0138	0.9312
64	2.30	0.0125	0.9437
65	2.40	0.0112	0.9548
66	2.50	0.0099	0.9647
67	2.60	0.0085	0.9733
68	2.70	0.0064	0.9797
69	2.80	0.0048	0.9845
70	2.90	0.0044	0.9889
71	3.00	0.0032	0.9920
72	3.10	0.0025	0.9945
73	3.20	0.0020	0.9966
74	3.30	0.0016	0.9982
75	3.40	0.0010	0.9992
76	3.50	0.0006	0.9998
77	3.60	0.0002	1.0000
78	3.70	0.0000	1.0000
79	3.80	0.	1.0000
80	3.90	0.	1.0000
81	4.00	0.	1.0000

STORM SURGE

MEAN 0.01 STND DEV 0.59

I	X	P(X)	F(X)
1	-4.00	0.0000	0.0000
2	-3.90	0.	0.0000
3	-3.80	0.0000	0.0000
4	-3.70	0.0000	0.0000
5	-3.60	0.0000	0.0000
6	-3.50	0.0000	0.0001
7	-3.40	0.0000	0.0001
8	-3.30	0.0000	0.0001
9	-3.20	0.0000	0.0001
10	-3.10	0.0001	0.0002
11	-3.00	0.0001	0.0003
12	-2.90	0.0001	0.0004
13	-2.80	0.0001	0.0005
14	-2.70	0.0002	0.0008
15	-2.60	0.0003	0.0011
16	-2.50	0.0003	0.0013
17	-2.40	0.0003	0.0016
18	-2.30	0.0006	0.0022
19	-2.20	0.0005	0.0027
20	-2.10	0.0007	0.0034
21	-2.00	0.0005	0.0041
22	-1.90	0.0011	0.0052
23	-1.80	0.0013	0.0065
24	-1.70	0.0015	0.0080
25	-1.60	0.0018	0.0098
26	-1.50	0.0024	0.0122
27	-1.40	0.0029	0.0151
28	-1.30	0.0041	0.0192
29	-1.20	0.0052	0.0244
30	-1.10	0.0069	0.0313
31	-1.00	0.0086	0.0399
32	-0.90	0.0120	0.0519
33	-0.80	0.0162	0.0681
34	-0.70	0.0224	0.0904
35	-0.60	0.0307	0.1211
36	-0.50	0.0417	0.1628
37	-0.40	0.0574	0.2202
38	-0.30	0.0730	0.2932
39	-0.20	0.0885	0.3817
40	-0.10	0.0942	0.4759
41	0.	0.0930	0.5689
42	0.10	0.0843	0.6532
43	0.20	0.0710	0.7242
44	0.30	0.0584	0.7826
45	0.40	0.0467	0.8293
46	0.50	0.0360	0.8654
47	0.60	0.0280	0.8934
48	0.70	0.0221	0.9155
49	0.80	0.0172	0.9326
50	0.90	0.0136	0.9463
51	1.00	0.0114	0.9576
52	1.10	0.0082	0.9658
53	1.20	0.0066	0.9725
54	1.30	0.0053	0.9777
55	1.40	0.0043	0.9820
56	1.50	0.0034	0.9854
57	1.60	0.0029	0.9883
58	1.70	0.0025	0.9907
59	1.80	0.0019	0.9926
60	1.90	0.0016	0.9942
61	2.00	0.0012	0.9953
62	2.10	0.0010	0.9963
63	2.20	0.0008	0.9971
64	2.30	0.0005	0.9976
65	2.40	0.0005	0.9981
66	2.50	0.0003	0.9984
67	2.60	0.0003	0.9986
68	2.70	0.0003	0.9989
69	2.80	0.0002	0.9990
70	2.90	0.0002	0.9992
71	3.00	0.0001	0.9993
72	3.10	0.0001	0.9994
73	3.20	0.0001	0.9994
74	3.30	0.0001	0.9995
75	3.40	0.0001	0.9996
76	3.50	0.0001	0.9997
77	3.60	0.0000	0.9997
78	3.70	0.0000	0.9997
79	3.80	0.0001	0.9998
80	3.90	0.0000	0.9998
81	4.00	0.0000	0.9998

TOTAL WATER LEVEL

MEAN 0.01 STND DEV 1.61

I	X	P(X)	F(X)
1	-5.00	0.0000	0.0000
2	-4.80	0.0001	0.0002
3	-4.60	0.0003	0.0004
4	-4.40	0.0003	0.0008
5	-4.20	0.0004	0.0012
6	-4.00	0.0007	0.0019
7	-3.80	0.0011	0.0030
8	-3.60	0.0017	0.0047
9	-3.40	0.0027	0.0074
10	-3.20	0.0045	0.0119
11	-3.00	0.0069	0.0188
12	-2.80	0.0107	0.0296
13	-2.60	0.0158	0.0454
14	-2.40	0.0207	0.0661
15	-2.20	0.0274	0.0934
16	-2.00	0.0344	0.1279
17	-1.80	0.0410	0.1688
18	-1.60	0.0432	0.2121
19	-1.40	0.0444	0.2565
20	-1.20	0.0420	0.2985
21	-1.00	0.0397	0.3382
22	-0.80	0.0382	0.3764
23	-0.60	0.0362	0.4127
24	-0.40	0.0349	0.4476
25	-0.20	0.0353	0.4829
26	0.	0.0345	0.5174
27	0.20	0.0348	0.5522
28	0.40	0.0361	0.5882
29	0.60	0.0367	0.6250
30	0.80	0.0390	0.6640
31	1.00	0.0411	0.7051
32	1.20	0.0416	0.7467
33	1.40	0.0401	0.7868
34	1.60	0.0395	0.8263
35	1.80	0.0365	0.8628
36	2.00	0.0314	0.8942
37	2.20	0.0282	0.9224
38	2.40	0.0226	0.9449
39	2.60	0.0177	0.9627
40	2.80	0.0129	0.9755
41	3.00	0.0094	0.9849
42	3.20	0.0060	0.9909
43	3.40	0.0035	0.9944
44	3.60	0.0024	0.9967
45	3.80	0.0013	0.9980
46	4.00	0.0007	0.9988
47	4.20	0.0004	0.9992
48	4.40	0.0003	0.9995
49	4.60	0.0001	0.9997
50	4.80	0.0001	0.9998
51	5.00	0.0001	0.9998
52	5.20	0.0000	0.9999
53	5.40	0.0000	0.9999
54	5.60	0.0000	0.9999
55	5.80	0.0000	0.9999
56	6.00	0.0000	0.9999
57	6.20	0.0000	1.0000
58	6.40	0.0000	1.0000
59	6.60	0.0000	1.0000
60	6.80	0.0000	1.0000
61	7.00	0.0000	1.0000

I - INTERVAL NUMBER X - INTERVAL CENTER VALUE

P(X) - PROBABILITY MASS FUNCTION F(X) - CUMULATIVE DISTRIBUTION FUNCTION

LEWES DEL.

STATISTICS FOR JANUARY

ASTRONOMICAL TIDE				STORM SURGE				TOTAL WATER LEVEL			
MEAN-0.28		STND DEV 1.51		MEAN 0.02		STND DEV 0.78		MEAN-0.24		STND DEV 1.67	
I	X	P(X)	F(X)	I	X	P(X)	F(X)	I	X	P(X)	F(X)
1	-4.00	0.	0.	1	-4.00	0.	0.	1	-5.00	0.	0.0001
2	-3.90	0.	0.	2	-3.90	0.	0.	2	-4.80	0.0004	0.0005
3	-3.80	0.	0.	3	-3.80	0.	0.	3	-4.60	0.0008	0.0013
4	-3.70	0.	0.	4	-3.70	0.	0.	4	-4.40	0.0012	0.0025
5	-3.60	0.	0.	5	-3.60	0.	0.	5	-4.20	0.0013	0.0038
6	-3.50	0.	0.	6	-3.50	0.	0.	6	-4.00	0.0021	0.0060
7	-3.40	0.	0.	7	-3.40	0.	0.	7	-3.80	0.0033	0.0093
8	-3.30	0.0002	0.0002	8	-3.30	0.	0.	8	-3.60	0.0048	0.0140
9	-3.20	0.0010	0.0011	9	-3.20	0.0001	0.0001	9	-3.40	0.0070	0.0210
10	-3.10	0.0017	0.0028	10	-3.10	0.0003	0.0004	10	-3.20	0.0100	0.0309
11	-3.00	0.0035	0.0064	11	-3.00	0.0002	0.0006	11	-3.00	0.0129	0.0438
12	-2.90	0.0055	0.0119	12	-2.90	0.0009	0.0015	12	-2.80	0.0185	0.0623
13	-2.80	0.0082	0.0201	13	-2.80	0.0003	0.0018	13	-2.60	0.0255	0.0878
14	-2.70	0.0090	0.0291	14	-2.70	0.0013	0.0031	14	-2.40	0.0266	0.1144
15	-2.60	0.0108	0.0399	15	-2.60	0.0010	0.0041	15	-2.20	0.0308	0.1452
16	-2.50	0.0142	0.0541	16	-2.50	0.0010	0.0051	16	-2.00	0.0381	0.1833
17	-2.40	0.0177	0.0718	17	-2.40	0.0008	0.0059	17	-1.80	0.0392	0.2225
18	-2.30	0.0211	0.0929	18	-2.30	0.0017	0.0076	18	-1.60	0.0400	0.2625
19	-2.20	0.0255	0.1184	19	-2.20	0.0012	0.0087	19	-1.40	0.0417	0.3042
20	-2.10	0.0258	0.1441	20	-2.10	0.0033	0.0120	20	-1.20	0.0395	0.3437
21	-2.00	0.0291	0.1732	21	-2.00	0.0021	0.0141	21	-1.00	0.0393	0.3830
22	-1.90	0.0278	0.2009	22	-1.90	0.0022	0.0163	22	-0.80	0.0403	0.4233
23	-1.80	0.0254	0.2263	23	-1.80	0.0024	0.0187	23	-0.60	0.0349	0.4581
24	-1.70	0.0255	0.2519	24	-1.70	0.0026	0.0213	24	-0.40	0.0312	0.4893
25	-1.60	0.0241	0.2760	25	-1.60	0.0038	0.0251	25	-0.20	0.0378	0.5271
26	-1.50	0.0229	0.2988	26	-1.50	0.0048	0.0298	26	0.	0.0366	0.5637
27	-1.40	0.0196	0.3184	27	-1.40	0.0060	0.0358	27	0.20	0.0392	0.6029
28	-1.30	0.0190	0.3374	28	-1.30	0.0084	0.0441	28	0.40	0.0359	0.6388
29	-1.20	0.0186	0.3560	29	-1.20	0.0114	0.0555	29	0.60	0.0384	0.6772
30	-1.10	0.0173	0.3734	30	-1.10	0.0136	0.0691	30	0.80	0.0413	0.7184
31	-1.00	0.0161	0.3895	31	-1.00	0.0149	0.0840	31	1.00	0.0438	0.7623
32	-0.90	0.0189	0.4084	32	-0.90	0.0219	0.1059	32	1.20	0.0367	0.7989
33	-0.80	0.0162	0.4246	33	-0.80	0.0236	0.1294	33	1.40	0.0324	0.8313
34	-0.70	0.0166	0.4412	34	-0.70	0.0283	0.1578	34	1.60	0.0342	0.8655
35	-0.60	0.0161	0.4574	35	-0.60	0.0365	0.1942	35	1.80	0.0300	0.8955
36	-0.50	0.0172	0.4745	36	-0.50	0.0405	0.2348	36	2.00	0.0245	0.9200
37	-0.40	0.0157	0.4902	37	-0.40	0.0486	0.2833	37	2.20	0.0215	0.9416
38	-0.30	0.0148	0.5050	38	-0.30	0.0535	0.3369	38	2.40	0.0151	0.9566
39	-0.20	0.0195	0.5245	39	-0.20	0.0591	0.3959	39	2.60	0.0127	0.9694
40	-0.10	0.0139	0.5384	40	-0.10	0.0619	0.4578	40	2.80	0.0083	0.9776
41	0.	0.0179	0.5563	41	0.	0.0610	0.5188	41	3.00	0.0074	0.9851
42	0.10	0.0165	0.5728	42	0.10	0.0597	0.5786	42	3.20	0.0048	0.9899
43	0.20	0.0158	0.5886	43	0.20	0.0620	0.6406	43	3.40	0.0025	0.9923
44	0.30	0.0190	0.6076	44	0.30	0.0530	0.6936	44	3.60	0.0025	0.9949
45	0.40	0.0182	0.6258	45	0.40	0.0511	0.7446	45	3.80	0.0018	0.9966
46	0.50	0.0221	0.6479	46	0.50	0.0448	0.7895	46	4.00	0.0010	0.9976
47	0.60	0.0196	0.6675	47	0.60	0.0361	0.8255	47	4.20	0.0005	0.9982
48	0.70	0.0196	0.6871	48	0.70	0.0345	0.8600	48	4.40	0.0004	0.9985
49	0.80	0.0234	0.7104	49	0.80	0.0307	0.8907	49	4.60	0.0008	0.9993
50	0.90	0.0243	0.7347	50	0.90	0.0230	0.9137	50	4.80	0.0003	0.9996
51	1.00	0.0243	0.7590	51	1.00	0.0181	0.9318	51	5.00	0.0003	0.9999
52	1.10	0.0242	0.7832	52	1.10	0.0103	0.9421	52	5.20	0.0001	1.0000
53	1.20	0.0246	0.8078	53	1.20	0.0100	0.9521	53	5.40	0.	1.0000
54	1.30	0.0226	0.8303	54	1.30	0.0083	0.9604	54	5.60	0.	1.0000
55	1.40	0.0209	0.8513	55	1.40	0.0064	0.9668	55	5.80	0.	1.0000
56	1.50	0.0190	0.8703	56	1.50	0.0050	0.9718	56	6.00	0.	1.0000
57	1.60	0.0169	0.8872	57	1.60	0.0044	0.9762	57	6.20	0.	1.0000
58	1.70	0.0160	0.9032	58	1.70	0.0043	0.9805	58	6.40	0.	1.0000
59	1.80	0.0136	0.9167	59	1.80	0.0027	0.9832	59	6.60	0.	1.0000
60	1.90	0.0138	0.9306	60	1.90	0.0028	0.9860	60	6.80	0.	1.0000
61	2.00	0.0132	0.9438	61	2.00	0.0015	0.9875	61	7.00	0.	1.0000
62	2.10	0.0093	0.9531	62	2.10	0.0015	0.9891				
63	2.20	0.0091	0.9622	63	2.20	0.0008	0.9899				
64	2.30	0.0087	0.9710	64	2.30	0.0014	0.9913				
65	2.40	0.0061	0.9771	65	2.40	0.0008	0.9921				
66	2.50	0.0055	0.9826	66	2.50	0.0009	0.9930				
67	2.60	0.0047	0.9873	67	2.60	0.0010	0.9940				
68	2.70	0.0030	0.9903	68	2.70	0.0011	0.9951				
69	2.80	0.0030	0.9933	69	2.80	0.0011	0.9962				
70	2.90	0.0031	0.9964	70	2.90	0.0010	0.9972				
71	3.00	0.0018	0.9982	71	3.00	0.0005	0.9976				
72	3.10	0.0013	0.9995	72	3.10	0.0002	0.9979				
73	3.20	0.0005	1.0000	73	3.20	0.0003	0.9982				
74	3.30	0.	1.0000	74	3.30	0.0005	0.9987				
75	3.40	0.	1.0000	75	3.40	0.0003	0.9990				
76	3.50	0.	1.0000	76	3.50	0.0002	0.9992				
77	3.60	0.	1.0000	77	3.60	0.0002	0.9994				
78	3.70	0.	1.0000	78	3.70	0.0002	0.9996				
79	3.80	0.	1.0000	79	3.80	0.0002	0.9998				
80	3.90	0.	1.0000	80	3.90	0.0001	0.9998				
81	4.00	0.	1.0000	81	4.00	0.0001	0.9999				

I - INTERVAL NUMBER X - INTERVAL CENTER VALUE

P(X) - PROBABILITY MASS FUNCTION F(X) - CUMULATIVE DISTRIBUTION FUNCTION

LEWES DEL.

STATISTICS FOR FEBRUARY

ASTRONOMICAL TIDE				STORM SURGE				TOTAL WATER LEVEL			
MEAN-0.27		STND DEV 1.51		MEAN 0.01		STND DEV 0.77		MEAN-0.25		STND DEV 1.66	
I	X	P(X)	F(X)	I	X	P(X)	F(X)	I	X	P(X)	F(X)
1	-4.00	0.	0.	1	-4.00	0.	0.	1	-5.00	0.	0.
2	-3.90	0.	0.	2	-3.90	0.	0.	2	-4.80	0.0006	0.0006
3	-3.80	0.	0.	3	-3.80	0.	0.	3	-4.60	0.0012	0.0017
4	-3.70	0.	0.	4	-3.70	0.	0.	4	-4.40	0.0006	0.0024
5	-3.60	0.	0.	5	-3.60	0.	0.	5	-4.20	0.0017	0.0041
6	-3.50	0.	0.	6	-3.50	0.	0.	6	-4.00	0.0029	0.0070
7	-3.40	0.	0.	7	-3.40	0.	0.	7	-3.80	0.0036	0.0105
8	-3.30	0.0005	0.0005	8	-3.30	0.	0.	8	-3.60	0.0045	0.0151
9	-3.20	0.0015	0.0020	9	-3.20	0.	0.	9	-3.40	0.0059	0.0209
10	-3.10	0.0033	0.0054	10	-3.10	0.	0.	10	-3.20	0.0113	0.0322
11	-3.00	0.0049	0.0102	11	-3.00	0.	0.	11	-3.00	0.0136	0.0459
12	-2.90	0.0053	0.0155	12	-2.90	0.0004	0.0004	12	-2.80	0.0208	0.0666
13	-2.80	0.0078	0.0234	13	-2.80	0.0004	0.0008	13	-2.60	0.0246	0.0912
14	-2.70	0.0086	0.0320	14	-2.70	0.0006	0.0014	14	-2.40	0.0279	0.1191
15	-2.60	0.0124	0.0444	15	-2.60	0.0012	0.0026	15	-2.20	0.0297	0.1488
16	-2.50	0.0120	0.0564	16	-2.50	0.0014	0.0040	16	-2.00	0.0349	0.1838
17	-2.40	0.0193	0.0757	17	-2.40	0.0013	0.0052	17	-1.80	0.0409	0.2247
18	-2.30	0.0226	0.0983	18	-2.30	0.0021	0.0073	18	-1.60	0.0390	0.2636
19	-2.20	0.0225	0.1208	19	-2.20	0.0013	0.0086	19	-1.40	0.0403	0.3039
20	-2.10	0.0241	0.1449	20	-2.10	0.0017	0.0103	20	-1.20	0.0383	0.3422
21	-2.00	0.0237	0.1687	21	-2.00	0.0017	0.0120	21	-1.00	0.0383	0.3805
22	-1.90	0.0256	0.1943	22	-1.90	0.0031	0.0151	22	-0.80	0.0385	0.4190
23	-1.80	0.0262	0.2205	23	-1.80	0.0037	0.0188	23	-0.60	0.0349	0.4539
24	-1.70	0.0266	0.2471	24	-1.70	0.0053	0.0241	24	-0.40	0.0365	0.4904
25	-1.60	0.0253	0.2724	25	-1.60	0.0048	0.0289	25	-0.20	0.0373	0.5277
26	-1.50	0.0225	0.2949	26	-1.50	0.0064	0.0353	26	0.	0.0377	0.5654
27	-1.40	0.0198	0.3147	27	-1.40	0.0069	0.0422	27	0.20	0.0376	0.6030
28	-1.30	0.0191	0.3338	28	-1.30	0.0103	0.0525	28	0.40	0.0365	0.6395
29	-1.20	0.0181	0.3519	29	-1.20	0.0124	0.0649	29	0.60	0.0403	0.6798
30	-1.10	0.0189	0.3707	30	-1.10	0.0143	0.0791	30	0.80	0.0372	0.7170
31	-1.00	0.0191	0.3898	31	-1.00	0.0151	0.0942	31	1.00	0.0392	0.7562
32	-0.90	0.0168	0.4066	32	-0.90	0.0224	0.1166	32	1.20	0.0382	0.7944
33	-0.80	0.0172	0.4238	33	-0.80	0.0254	0.1420	33	1.40	0.0351	0.8294
34	-0.70	0.0153	0.4391	34	-0.70	0.0288	0.1708	34	1.60	0.0350	0.8643
35	-0.60	0.0175	0.4566	35	-0.60	0.0299	0.2007	35	1.80	0.0299	0.8944
36	-0.50	0.0139	0.4705	36	-0.50	0.0401	0.2408	36	2.00	0.0261	0.9205
37	-0.40	0.0172	0.4877	37	-0.40	0.0479	0.2887	37	2.20	0.0234	0.9438
38	-0.30	0.0173	0.5050	38	-0.30	0.0517	0.3403	38	2.40	0.0162	0.9601
39	-0.20	0.0168	0.5217	39	-0.20	0.0589	0.3992	39	2.60	0.0116	0.9717
40	-0.10	0.0163	0.5380	40	-0.10	0.0616	0.4609	40	2.80	0.0089	0.9806
41	0.	0.0161	0.5542	41	0.	0.0584	0.5193	41	3.00	0.0077	0.9883
42	0.10	0.0189	0.5730	42	0.10	0.0614	0.5806	42	3.20	0.0048	0.9930
43	0.20	0.0168	0.5899	43	0.20	0.0589	0.6395	43	3.40	0.0033	0.9964
44	0.30	0.0168	0.6067	44	0.30	0.0535	0.6930	44	3.60	0.0015	0.9979
45	0.40	0.0192	0.6259	45	0.40	0.0536	0.7465	45	3.80	0.0012	0.9990
46	0.50	0.0189	0.6448	46	0.50	0.0416	0.7881	46	4.00	0.0002	0.9992
47	0.60	0.0225	0.6673	47	0.60	0.0354	0.8235	47	4.20	0.0004	0.9996
48	0.70	0.0213	0.6886	48	0.70	0.0327	0.8562	48	4.40	0.0002	0.9998
49	0.80	0.0223	0.7108	49	0.80	0.0283	0.8845	49	4.60	0.	0.9998
50	0.90	0.0222	0.7330	50	0.90	0.0198	0.9043	50	4.80	0.0001	0.9999
51	1.00	0.0212	0.7542	51	1.00	0.0192	0.9236	51	5.00	0.0001	1.0000
52	1.10	0.0212	0.7754	52	1.10	0.0136	0.9371	52	5.20	0.	1.0000
53	1.20	0.0203	0.7956	53	1.20	0.0122	0.9493	53	5.40	0.	1.0000
54	1.30	0.0228	0.8184	54	1.30	0.0090	0.9583	54	5.60	0.	1.0000
55	1.40	0.0198	0.8382	55	1.40	0.0075	0.9659	55	5.80	0.	1.0000
56	1.50	0.0226	0.8608	56	1.50	0.0052	0.9711	56	6.00	0.	1.0000
57	1.60	0.0202	0.8810	57	1.60	0.0060	0.9771	57	6.20	0.	1.0000
58	1.70	0.0181	0.8990	58	1.70	0.0052	0.9823	58	6.40	0.	1.0000
59	1.80	0.0156	0.9147	59	1.80	0.0043	0.9865	59	6.60	0.	1.0000
60	1.90	0.0154	0.9301	60	1.90	0.0032	0.9897	60	6.80	0.	1.0000
61	2.00	0.0147	0.9448	61	2.00	0.0021	0.9918	61	7.00	0.	1.0000
62	2.10	0.0137	0.9585	62	2.10	0.0021	0.9938				
63	2.20	0.0108	0.9693	63	2.20	0.0014	0.9952				
64	2.30	0.0081	0.9773	64	2.30	0.0010	0.9962				
65	2.40	0.0052	0.9825	65	2.40	0.0011	0.9973				
66	2.50	0.0029	0.9854	66	2.50	0.0006	0.9979				
67	2.60	0.0040	0.9923	67	2.60	0.0006	0.9986				
68	2.70	0.0026	0.9949	68	2.70	0.0005	0.9990				
69	2.80	0.0021	0.9970	69	2.80	0.0001	0.9991				
70	2.90	0.0016	0.9985	70	2.90	0.0004	0.9995				
71	3.00	0.0009	0.9995	71	3.00	0.0001	0.9996				
72	3.10	0.0005	0.9999	72	3.10	0.0001	0.9997				
73	3.20	0.0001	1.0000	73	3.20	0.0002	0.9999				
74	3.30	0.	1.0000	74	3.30	0.	0.9999				
75	3.40	0.	1.0000	75	3.40	0.0001	1.0000				
76	3.50	0.	1.0000	76	3.50	0.	1.0000				
77	3.60	0.	1.0000	77	3.60	0.	1.0000				
78	3.70	0.	1.0000	78	3.70	0.	1.0000				
79	3.80	0.	1.0000	79	3.80	0.	1.0000				
80	3.90	0.	1.0000	80	3.90	0.	1.0000				
81	4.00	0.	1.0000	81	4.00	0.	1.0000				

I - INTERVAL NUMBER X - INTERVAL CENTER VALUE

P(X) - PROBABILITY MASS FUNCTION F(X) - CUMULATIVE DISTRIBUTION FUNCTION

LEWES DEL.

STATISTICS FOR MARCH

ASTRONOMICAL TIDE				STORM SURGE				TOTAL WATER LEVEL			
MEAN-0.16		STND DEV 1.51		MEAN 0.14		STND DEV 0.74		MEAN-0.01		STND DEV 1.65	
I	X	P(X)	F(X)	I	X	P(X)	F(X)	I	X	P(X)	F(X)
1	-4.00	0.	0.	1	-4.00	0.	0.	1	-5.00	0.0002	0.0002
2	-3.90	0.	0.	2	-3.90	0.	0.	2	-4.80	0.0002	0.0005
3	-3.80	0.	0.	3	-3.80	0.	0.	3	-4.60	0.0002	0.0006
4	-3.70	0.	0.	4	-3.70	0.	0.	4	-4.40	0.0003	0.0009
5	-3.60	0.	0.	5	-3.60	0.	0.	5	-4.20	0.0007	0.0016
6	-3.50	0.	0.	6	-3.50	0.	0.	6	-4.00	0.0008	0.0024
7	-3.40	0.	0.	7	-3.40	0.0001	0.0001	7	-3.80	0.0014	0.0037
8	-3.30	0.0002	0.0002	8	-3.30	0.0002	0.0002	8	-3.60	0.0025	0.0062
9	-3.20	0.0011	0.0013	9	-3.20	0.0001	0.0003	9	-3.40	0.0040	0.0102
10	-3.10	0.0025	0.0038	10	-3.10	0.0002	0.0005	10	-3.20	0.0053	0.0155
11	-3.00	0.0035	0.0073	11	-3.00	0.0002	0.0008	11	-3.00	0.0085	0.0240
12	-2.90	0.0038	0.0111	12	-2.90	0.0002	0.0010	12	-2.80	0.0120	0.0361
13	-2.80	0.0047	0.0158	13	-2.80	0.0004	0.0014	13	-2.60	0.0189	0.0549
14	-2.70	0.0081	0.0240	14	-2.70	0.0005	0.0019	14	-2.40	0.0226	0.0775
15	-2.60	0.0083	0.0323	15	-2.60	0.0011	0.0029	15	-2.20	0.0295	0.1070
16	-2.50	0.0106	0.0430	16	-2.50	0.0002	0.0031	16	-2.00	0.0346	0.1415
17	-2.40	0.0146	0.0576	17	-2.40	0.0006	0.0037	17	-1.80	0.0406	0.1822
18	-2.30	0.0168	0.0744	18	-2.30	0.0009	0.0046	18	-1.60	0.0376	0.2197
19	-2.20	0.0199	0.0942	19	-2.20	0.0008	0.0055	19	-1.40	0.0416	0.2613
20	-2.10	0.0221	0.1163	20	-2.10	0.0005	0.0059	20	-1.20	0.0395	0.3008
21	-2.00	0.0252	0.1415	21	-2.00	0.0013	0.0072	21	-1.00	0.0392	0.3400
22	-1.90	0.0252	0.1667	22	-1.90	0.0014	0.0085	22	-0.80	0.0382	0.3781
23	-1.80	0.0261	0.1927	23	-1.80	0.0021	0.0106	23	-0.60	0.0361	0.4143
24	-1.70	0.0258	0.2185	24	-1.70	0.0017	0.0123	24	-0.40	0.0357	0.4500
25	-1.60	0.0232	0.2417	25	-1.60	0.0012	0.0135	25	-0.20	0.0352	0.4852
26	-1.50	0.0252	0.2670	26	-1.50	0.0014	0.0150	26	0.	0.0360	0.5212
27	-1.40	0.0244	0.2914	27	-1.40	0.0025	0.0174	27	0.20	0.0388	0.5600
28	-1.30	0.0234	0.3147	28	-1.30	0.0042	0.0216	28	0.40	0.0349	0.5949
29	-1.20	0.0174	0.3321	29	-1.20	0.0066	0.0282	29	0.60	0.0383	0.6333
30	-1.10	0.0182	0.3503	30	-1.10	0.0111	0.0393	30	0.80	0.0364	0.6697
31	-1.00	0.0185	0.3688	31	-1.00	0.0123	0.0516	31	1.00	0.0394	0.7091
32	-0.90	0.0173	0.3861	32	-0.90	0.0151	0.0667	32	1.20	0.0413	0.7504
33	-0.80	0.0182	0.4044	33	-0.80	0.0196	0.0863	33	1.40	0.0391	0.7895
34	-0.70	0.0168	0.4212	34	-0.70	0.0229	0.1092	34	1.60	0.0364	0.8259
35	-0.60	0.0161	0.4373	35	-0.60	0.0270	0.1362	35	1.80	0.0337	0.8597
36	-0.50	0.0170	0.4543	36	-0.50	0.0340	0.1702	36	2.00	0.0331	0.8928
37	-0.40	0.0173	0.4716	37	-0.40	0.0405	0.2107	37	2.20	0.0268	0.9196
38	-0.30	0.0150	0.4866	38	-0.30	0.0478	0.2585	38	2.40	0.0241	0.9437
39	-0.20	0.0167	0.5033	39	-0.20	0.0544	0.3128	39	2.60	0.0176	0.9612
40	-0.10	0.0163	0.5196	40	-0.10	0.0666	0.3794	40	2.80	0.0117	0.9730
41	0.	0.0158	0.5354	41	0.	0.0703	0.4497	41	3.00	0.0093	0.9823
42	0.10	0.0166	0.5521	42	0.10	0.0692	0.5189	42	3.20	0.0056	0.9879
43	0.20	0.0182	0.5703	43	0.20	0.0680	0.5869	43	3.40	0.0041	0.9920
44	0.30	0.0184	0.5887	44	0.30	0.0713	0.6582	44	3.60	0.0023	0.9943
45	0.40	0.0179	0.6066	45	0.40	0.0601	0.7184	45	3.80	0.0017	0.9963
46	0.50	0.0182	0.6248	46	0.50	0.0530	0.7713	46	4.00	0.0011	0.9974
47	0.60	0.0205	0.6453	47	0.60	0.0418	0.8131	47	4.20	0.0005	0.9979
48	0.70	0.0200	0.6653	48	0.70	0.0357	0.8488	48	4.40	0.0004	0.9983
49	0.80	0.0227	0.6880	49	0.80	0.0252	0.8740	49	4.60	0.0002	0.9985
50	0.90	0.0209	0.7089	50	0.90	0.0241	0.8981	50	4.80	0.0002	0.9986
51	1.00	0.0191	0.7281	51	1.00	0.0192	0.9173	51	5.00	0.0001	0.9987
52	1.10	0.0230	0.7511	52	1.10	0.0133	0.9307	52	5.20	0.0002	0.9989
53	1.20	0.0208	0.7718	53	1.20	0.0109	0.9416	53	5.40	0.0002	0.9990
54	1.30	0.0210	0.7928	54	1.30	0.0097	0.9512	54	5.60	0.0002	0.9992
55	1.40	0.0188	0.8116	55	1.40	0.0084	0.9596	55	5.80	0.0001	0.9993
56	1.50	0.0216	0.8332	56	1.50	0.0072	0.9668	56	6.00	0.0002	0.9994
57	1.60	0.0211	0.8542	57	1.60	0.0055	0.9723	57	6.20	0.0002	0.9996
58	1.70	0.0207	0.8749	58	1.70	0.0051	0.9774	58	6.40	0.0001	0.9996
59	1.80	0.0225	0.8974	59	1.80	0.0037	0.9812	59	6.60	0.0001	0.9997
60	1.90	0.0173	0.9147	60	1.90	0.0033	0.9844	60	6.80	0.0002	0.9998
61	2.00	0.0202	0.9349	61	2.00	0.0028	0.9873	61	7.00	0.0001	0.9999
62	2.10	0.0151	0.9500	62	2.10	0.0024	0.9897				
63	2.20	0.0123	0.9623	63	2.20	0.0022	0.9919				
64	2.30	0.0101	0.9724	64	2.30	0.0010	0.9928				
65	2.40	0.0078	0.9802	65	2.40	0.0011	0.9939				
66	2.50	0.0062	0.9864	66	2.50	0.0006	0.9945				
67	2.60	0.0044	0.9908	67	2.60	0.0008	0.9953				
68	2.70	0.0037	0.9945	68	2.70	0.0007	0.9960				
69	2.80	0.0025	0.9969	69	2.80	0.0001	0.9960				
70	2.90	0.0018	0.9987	70	2.90	0.0001	0.9961				
71	3.00	0.0011	0.9998	71	3.00	0.	0.9961				
72	3.10	0.0001	0.9998	72	3.10	0.0005	0.9966				
73	3.20	0.0002	1.0000	73	3.20	0.0001	0.9967				
74	3.30	0.	1.0000	74	3.30	0.0001	0.9968				
75	3.40	0.	1.0000	75	3.40	0.0002	0.9969				
76	3.50	0.	1.0000	76	3.50	0.0002	0.9972				
77	3.60	0.	1.0000	77	3.60	0.0002	0.9974				
78	3.70	0.	1.0000	78	3.70	0.0001	0.9975				
79	3.80	0.	1.0000	79	3.80	0.0003	0.9978				
80	3.90	0.	1.0000	80	3.90	0.0003	0.9981				
81	4.00	0.	1.0000	81	4.00	0.0002	0.9982				

I - INTERVAL NUMBER X - INTERVAL CENTER VALUE

P(X) - PROBABILITY MASS FUNCTION F(X) - CUMULATIVE DISTRIBUTION FUNCTION

LEWES DEL.

STATISTICS FOR APRIL

ASTRONOMICAL TIDE				STORM SURGE				TOTAL WATER LEVEL			
MEAN-0.04		STND DEV 1.51		MEAN 0.02		STND DEV 0.56		MEAN-0.00		STND DEV 1.60	
I	X	P(X)	F(X)	I	X	P(X)	F(X)	I	X	P(X)	F(X)
1	-4.00	0.	0.	1	-4.00	0.	0.	1	-5.00	0.	0.
2	-3.90	0.	0.	2	-3.90	0.	0.	2	-4.80	0.	0.
3	-3.80	0.	0.	3	-3.80	0.	0.	3	-4.60	0.	0.
4	-3.70	0.	0.	4	-3.70	0.	0.	4	-4.40	0.	0.
5	-3.60	0.	0.	5	-3.60	0.	0.	5	-4.20	0.	0.
6	-3.50	0.	0.	6	-3.50	0.	0.	6	-4.00	0.0003	0.0003
7	-3.40	0.	0.	7	-3.40	0.	0.	7	-3.80	0.0008	0.0012
8	-3.30	0.	0.	8	-3.30	0.	0.	8	-3.60	0.0012	0.0023
9	-3.20	0.0002	0.0002	9	-3.20	0.	0.	9	-3.40	0.0027	0.0051
10	-3.10	0.0008	0.0010	10	-3.10	0.	0.	10	-3.20	0.0061	0.0111
11	-3.00	0.0017	0.0027	11	-3.00	0.	0.	11	-3.00	0.0076	0.0187
12	-2.90	0.0020	0.0047	12	-2.90	0.	0.	12	-2.80	0.0118	0.0305
13	-2.80	0.0050	0.0097	13	-2.80	0.	0.	13	-2.60	0.0191	0.0496
14	-2.70	0.0057	0.0154	14	-2.70	0.	0.	14	-2.40	0.0237	0.0732
15	-2.60	0.0065	0.0220	15	-2.60	0.	0.	15	-2.20	0.0260	0.0992
16	-2.50	0.0076	0.0296	16	-2.50	0.	0.	16	-2.00	0.0338	0.1330
17	-2.40	0.0106	0.0402	17	-2.40	0.	0.	17	-1.80	0.0408	0.1738
18	-2.30	0.0143	0.0545	18	-2.30	0.	0.	18	-1.60	0.0392	0.2130
19	-2.20	0.0151	0.0696	19	-2.20	0.	0.	19	-1.40	0.0471	0.2600
20	-2.10	0.0192	0.0888	20	-2.10	0.	0.	20	-1.20	0.0396	0.2996
21	-2.00	0.0233	0.1121	21	-2.00	0.	0.	21	-1.00	0.0409	0.3406
22	-1.90	0.0237	0.1358	22	-1.90	0.	0.	22	-0.80	0.0371	0.3777
23	-1.80	0.0253	0.1610	23	-1.80	0.0001	0.0001	23	-0.60	0.0354	0.4131
24	-1.70	0.0247	0.1857	24	-1.70	0.0001	0.0002	24	-0.40	0.0345	0.4476
25	-1.60	0.0274	0.2131	25	-1.60	0.0002	0.0003	25	-0.20	0.0364	0.4841
26	-1.50	0.0270	0.2401	26	-1.50	0.0008	0.0011	26	0.	0.0337	0.5178
27	-1.40	0.0261	0.2662	27	-1.40	0.0012	0.0022	27	0.20	0.0329	0.5506
28	-1.30	0.0212	0.2874	28	-1.30	0.0025	0.0047	28	0.40	0.0373	0.5879
29	-1.20	0.0213	0.3087	29	-1.20	0.0034	0.0081	29	0.60	0.0349	0.6228
30	-1.10	0.0208	0.3296	30	-1.10	0.0070	0.0151	30	0.80	0.0418	0.6645
31	-1.00	0.0186	0.3481	31	-1.00	0.0107	0.0258	31	1.00	0.0437	0.7082
32	-0.90	0.0165	0.3646	32	-0.90	0.0169	0.0428	32	1.20	0.0425	0.7507
33	-0.80	0.0190	0.3837	33	-0.80	0.0242	0.0670	33	1.40	0.0418	0.7924
34	-0.70	0.0172	0.4009	34	-0.70	0.0364	0.1033	34	1.60	0.0405	0.8329
35	-0.60	0.0164	0.4173	35	-0.60	0.0413	0.1447	35	1.80	0.0371	0.8700
36	-0.50	0.0171	0.4344	36	-0.50	0.0511	0.1958	36	2.00	0.0315	0.9016
37	-0.40	0.0164	0.4508	37	-0.40	0.0596	0.2554	37	2.20	0.0266	0.9281
38	-0.30	0.0161	0.4669	38	-0.30	0.0659	0.3213	38	2.40	0.0199	0.9480
39	-0.20	0.0156	0.4825	39	-0.20	0.0701	0.3914	39	2.60	0.0160	0.9660
40	-0.10	0.0163	0.4988	40	-0.10	0.0741	0.4655	40	2.80	0.0119	0.9779
41	0.	0.0175	0.5163	41	0.	0.0811	0.5466	41	3.00	0.0080	0.9859
42	0.10	0.0177	0.5339	42	0.10	0.0744	0.6209	42	3.20	0.0052	0.9911
43	0.20	0.0160	0.5499	43	0.20	0.0665	0.6874	43	3.40	0.0032	0.9944
44	0.30	0.0173	0.5672	44	0.30	0.0613	0.7487	44	3.60	0.0022	0.9966
45	0.40	0.0154	0.5827	45	0.40	0.0554	0.8040	45	3.80	0.0014	0.9980
46	0.50	0.0177	0.6003	46	0.50	0.0452	0.8493	46	4.00	0.0009	0.9989
47	0.60	0.0194	0.6197	47	0.60	0.0335	0.8828	47	4.20	0.0006	0.9995
48	0.70	0.0190	0.6386	48	0.70	0.0266	0.9095	48	4.40	0.0003	0.9998
49	0.80	0.0212	0.6599	49	0.80	0.0203	0.9298	49	4.60	0.0001	0.9999
50	0.90	0.0224	0.6823	50	0.90	0.0147	0.9445	50	4.80	0.0001	1.0000
51	1.00	0.0212	0.7035	51	1.00	0.0136	0.9581	51	5.00	0.	1.0000
52	1.10	0.0216	0.7251	52	1.10	0.0092	0.9673	52	5.20	0.	1.0000
53	1.20	0.0203	0.7453	53	1.20	0.0069	0.9742	53	5.40	0.	1.0000
54	1.30	0.0217	0.7670	54	1.30	0.0066	0.9807	54	5.60	0.	1.0000
55	1.40	0.0217	0.7886	55	1.40	0.0043	0.9851	55	5.80	0.	1.0000
56	1.50	0.0212	0.8098	56	1.50	0.0037	0.9887	56	6.00	0.	1.0000
57	1.60	0.0236	0.8334	57	1.60	0.0026	0.9913	57	6.20	0.	1.0000
58	1.70	0.0223	0.8557	58	1.70	0.0023	0.9936	58	6.40	0.	1.0000
59	1.80	0.0200	0.8757	59	1.80	0.0017	0.9953	59	6.60	0.	1.0000
60	1.90	0.0177	0.8934	60	1.90	0.0015	0.9968	60	6.80	0.	1.0000
61	2.00	0.0190	0.9123	61	2.00	0.0010	0.9978	61	7.00	0.	1.0000
62	2.10	0.0184	0.9307	62	2.10	0.0005	0.9983				
63	2.20	0.0140	0.9447	63	2.20	0.0008	0.9990				
64	2.30	0.0128	0.9574	64	2.30	0.0001	0.9991				
65	2.40	0.0102	0.9676	65	2.40	0.0002	0.9993				
66	2.50	0.0079	0.9756	66	2.50	0.0003	0.9995				
67	2.60	0.0066	0.9822	67	2.60	0.	0.9995				
68	2.70	0.0044	0.9866	68	2.70	0.0001	0.9996				
69	2.80	0.0038	0.9904	69	2.80	0.	0.9996				
70	2.90	0.0026	0.9930	70	2.90	0.	0.9996				
71	3.00	0.0022	0.9952	71	3.00	0.0001	0.9997				
72	3.10	0.0017	0.9969	72	3.10	0.	0.9997				
73	3.20	0.0011	0.9980	73	3.20	0.0002	0.9998				
74	3.30	0.0012	0.9993	74	3.30	0.0001	0.9999				
75	3.40	0.0007	1.0000	75	3.40	0.	0.9999				
76	3.50	0.	1.0000	76	3.50	0.0001	1.0000				
77	3.60	0.	1.0000	77	3.60	0.	1.0000				
78	3.70	0.	1.0000	78	3.70	0.	1.0000				
79	3.80	0.	1.0000	79	3.80	0.	1.0000				
80	3.90	0.	1.0000	80	3.90	0.	1.0000				
81	4.00	0.	1.0000	81	4.00	0.	1.0000				

I - INTERVAL NUMBER X - INTERVAL CENTER VALUE

P(X) - PROBABILITY MASS FUNCTION F(X) - CUMULATIVE DISTRIBUTION FUNCTION

LEWES DEL.

STATISTICS FOR MAY

ASTRONOMICAL TIDE				STORM SURGE				TOTAL WATER LEVEL			
MEAN 0.02		STND DEV 1.52		MEAN-0.00		STND DEV 0.42		MEAN 0.03		STND DEV 1.57	
I	X	P(X)	F(X)	I	X	P(X)	F(X)	I	X	P(X)	F(X)
1	-4.00	0.	0.	1	-4.00	0.	0.	1	-5.00	0.	0.
2	-3.90	0.	0.	2	-3.90	0.	0.	2	-4.80	0.	0.
3	-3.80	0.	0.	3	-3.80	0.	0.	3	-4.60	0.	0.
4	-3.70	0.	0.	4	-3.70	0.	0.	4	-4.40	0.	0.
5	-3.60	0.	0.	5	-3.60	0.	0.	5	-4.20	0.	0.
6	-3.50	0.	0.	6	-3.50	0.	0.	6	-4.00	0.	0.
7	-3.40	0.	0.	7	-3.40	0.	0.	7	-3.80	0.0001	0.0001
8	-3.30	0.	0.	8	-3.30	0.	0.	8	-3.60	0.0006	0.0007
9	-3.20	0.	0.	9	-3.20	0.	0.	9	-3.40	0.0015	0.0022
10	-3.10	0.	0.	10	-3.10	0.	0.	10	-3.20	0.0024	0.0046
11	-3.00	0.0002	0.0002	11	-3.00	0.	0.	11	-3.00	0.0059	0.0105
12	-2.90	0.0011	0.0013	12	-2.90	0.	0.	12	-2.80	0.0091	0.0196
13	-2.80	0.0022	0.0035	13	-2.80	0.	0.	13	-2.60	0.0148	0.0344
14	-2.70	0.0040	0.0075	14	-2.70	0.	0.	14	-2.40	0.0195	0.0539
15	-2.60	0.0064	0.0139	15	-2.60	0.	0.	15	-2.20	0.0300	0.0839
16	-2.50	0.0081	0.0220	16	-2.50	0.	0.	16	-2.00	0.0375	0.1213
17	-2.40	0.0092	0.0312	17	-2.40	0.	0.	17	-1.80	0.0445	0.1658
18	-2.30	0.0115	0.0427	18	-2.30	0.	0.	18	-1.60	0.0451	0.2110
19	-2.20	0.0133	0.0560	19	-2.20	0.	0.	19	-1.40	0.0453	0.2563
20	-2.10	0.0182	0.0742	20	-2.10	0.	0.	20	-1.20	0.0420	0.2983
21	-2.00	0.0229	0.0971	21	-2.00	0.	0.	21	-1.00	0.0368	0.3351
22	-1.90	0.0212	0.1183	22	-1.90	0.0001	0.0001	22	-0.80	0.0371	0.3722
23	-1.80	0.0274	0.1457	23	-1.80	0.	0.0001	23	-0.60	0.0377	0.4099
24	-1.70	0.0270	0.1727	24	-1.70	0.	0.0001	24	-0.40	0.0338	0.4436
25	-1.60	0.0267	0.1995	25	-1.60	0.0001	0.0002	25	-0.20	0.0336	0.4773
26	-1.50	0.0282	0.2276	26	-1.50	0.0003	0.0006	26	0.	0.0325	0.5097
27	-1.40	0.0247	0.2523	27	-1.40	0.0004	0.0010	27	0.20	0.0342	0.5439
28	-1.30	0.0225	0.2748	28	-1.30	0.0008	0.0018	28	0.40	0.0338	0.5778
29	-1.20	0.0232	0.2980	29	-1.20	0.0011	0.0029	29	0.60	0.0382	0.6160
30	-1.10	0.0202	0.3182	30	-1.10	0.0019	0.0048	30	0.80	0.0371	0.6530
31	-1.00	0.0195	0.3320	31	-1.00	0.0042	0.0090	31	1.00	0.0433	0.6963
32	-0.90	0.0174	0.3554	32	-0.90	0.0044	0.0133	32	1.20	0.0441	0.7404
33	-0.80	0.0181	0.3734	33	-0.80	0.0097	0.0231	33	1.40	0.0473	0.7877
34	-0.70	0.0169	0.3903	34	-0.70	0.0190	0.0420	34	1.60	0.0410	0.8287
35	-0.60	0.0173	0.4076	35	-0.60	0.0319	0.0739	35	1.80	0.0405	0.8691
36	-0.50	0.0141	0.4217	36	-0.50	0.0392	0.1131	36	2.00	0.0313	0.9005
37	-0.40	0.0202	0.4419	37	-0.40	0.0682	0.1813	37	2.20	0.0283	0.9287
38	-0.30	0.0152	0.4571	38	-0.30	0.0859	0.2672	38	2.40	0.0214	0.9501
39	-0.20	0.0179	0.4750	39	-0.20	0.1019	0.3691	39	2.60	0.0174	0.9675
40	-0.10	0.0161	0.4911	40	-0.10	0.1111	0.4802	40	2.80	0.0129	0.9804
41	0.	0.0164	0.5075	41	0.	0.1102	0.5903	41	3.00	0.0098	0.9902
42	0.10	0.0146	0.5220	42	0.10	0.0990	0.6894	42	3.20	0.0046	0.9948
43	0.20	0.0158	0.5379	43	0.20	0.0823	0.7716	43	3.40	0.0026	0.9974
44	0.30	0.0179	0.5558	44	0.30	0.0617	0.8333	44	3.60	0.0015	0.9989
45	0.40	0.0170	0.5727	45	0.40	0.0479	0.8812	45	3.80	0.0004	0.9993
46	0.50	0.0187	0.5915	46	0.50	0.0337	0.9149	46	4.00	0.0002	0.9994
47	0.60	0.0172	0.6087	47	0.60	0.0278	0.9427	47	4.20	0.0003	0.9997
48	0.70	0.0178	0.6264	48	0.70	0.0155	0.9581	48	4.40	0.0002	0.9998
49	0.80	0.0190	0.6454	49	0.80	0.0096	0.9677	49	4.60	0.	0.9998
50	0.90	0.0210	0.6664	50	0.90	0.0073	0.9750	50	4.80	0.0001	0.9999
51	1.00	0.0207	0.6871	51	1.00	0.0051	0.9801	51	5.00	0.0001	1.0000
52	1.10	0.0249	0.7120	52	1.10	0.0035	0.9836	52	5.20	0.	1.0000
53	1.20	0.0246	0.7366	53	1.20	0.0038	0.9874	53	5.40	0.	1.0000
54	1.30	0.0213	0.7578	54	1.30	0.0034	0.9908	54	5.60	0.	1.0000
55	1.40	0.0230	0.7808	55	1.40	0.0023	0.9931	55	5.80	0.	1.0000
56	1.50	0.0249	0.8058	56	1.50	0.0016	0.9947	56	6.00	0.	1.0000
57	1.60	0.0237	0.8294	57	1.60	0.0016	0.9963	57	6.20	0.	1.0000
58	1.70	0.0214	0.8508	58	1.70	0.0013	0.9976	58	6.40	0.	1.0000
59	1.80	0.0193	0.8701	59	1.80	0.0011	0.9986	59	6.60	0.	1.0000
60	1.90	0.0199	0.8899	60	1.90	0.0005	0.9991	60	6.80	0.	1.0000
61	2.00	0.0142	0.9041	61	2.00	0.0003	0.9994	61	7.00	0.	1.0000
62	2.10	0.0159	0.9200	62	2.10	0.0003	0.9997				
63	2.20	0.0128	0.9328	63	2.20	0.0002	0.9998				
64	2.30	0.0096	0.9424	64	2.30	0.0002	1.0000				
65	2.40	0.0096	0.9520	65	2.40	0.	1.0000				
66	2.50	0.0095	0.9615	66	2.50	0.	1.0000				
67	2.60	0.0088	0.9703	67	2.60	0.	1.0000				
68	2.70	0.0056	0.9759	68	2.70	0.	1.0000				
69	2.80	0.0046	0.9805	69	2.80	0.	1.0000				
70	2.90	0.0050	0.9855	70	2.90	0.	1.0000				
71	3.00	0.0037	0.9892	71	3.00	0.	1.0000				
72	3.10	0.0031	0.9922	72	3.10	0.	1.0000				
73	3.20	0.0026	0.9949	73	3.20	0.	1.0000				
74	3.30	0.0026	0.9975	74	3.30	0.	1.0000				
75	3.40	0.0013	0.9988	75	3.40	0.	1.0000				
76	3.50	0.0010	0.9998	76	3.50	0.	1.0000				
77	3.60	0.0002	1.0000	77	3.60	0.	1.0000				
78	3.70	0.	1.0000	78	3.70	0.	1.0000				
79	3.80	0.	1.0000	79	3.80	0.	1.0000				
80	3.90	0.	1.0000	80	3.90	0.	1.0000				
81	4.00	0.	1.0000	81	4.00	0.	1.0000				

I - INTERVAL NUMBER X - INTERVAL CENTER VALUE

P(X) - PROBABILITY MASS FUNCTION F(X) - CUMULATIVE DISTRIBUTION FUNCTION

LEWES DEL.

STATISTICS FOR JUNE

ASTRONOMICAL TIDE				STORM SURGE				TOTAL WATER LEVEL			
MEAN 0.04		STND DEV 1.52		MEAN 0.01		STND DEV 0.34		MEAN 0.06		STND DEV 1.56	
I	X	P(X)	F(X)	I	X	P(X)	F(X)	I	X	P(X)	F(X)
1	-4.00	0.	0.	1	-4.00	0.	0.	1	-5.00	0.	0.
2	-3.90	0.	0.	2	-3.90	0.	0.	2	-4.80	0.	0.
3	-3.80	0.	0.	3	-3.80	0.	0.	3	-4.60	0.	0.
4	-3.70	0.	0.	4	-3.70	0.	0.	4	-4.40	0.	0.
5	-3.60	0.	0.	5	-3.60	0.	0.	5	-4.20	0.	0.
6	-3.50	0.	0.	6	-3.50	0.	0.	6	-4.00	0.	0.
7	-3.40	0.	0.	7	-3.40	0.	0.	7	-3.80	0.	0.
8	-3.30	0.	0.	8	-3.30	0.	0.	8	-3.60	0.0001	0.0001
9	-3.20	0.	0.	9	-3.20	0.	0.	9	-3.40	0.0002	0.0003
10	-3.10	0.	0.	10	-3.10	0.	0.	10	-3.20	0.0012	0.0015
11	-3.00	0.	0.	11	-3.00	0.	0.	11	-3.00	0.0034	0.0049
12	-2.90	0.0001	0.0001	12	-2.90	0.	0.	12	-2.80	0.0059	0.0108
13	-2.80	0.0007	0.0008	13	-2.80	0.	0.	13	-2.60	0.0119	0.0226
14	-2.70	0.0034	0.0042	14	-2.70	0.	0.	14	-2.40	0.0187	0.0413
15	-2.60	0.0051	0.0092	15	-2.60	0.	0.	15	-2.20	0.0292	0.0705
16	-2.50	0.0048	0.0141	16	-2.50	0.	0.	16	-2.00	0.0400	0.1105
17	-2.40	0.0105	0.0246	17	-2.40	0.	0.	17	-1.80	0.0452	0.1556
18	-2.30	0.0122	0.0368	18	-2.30	0.	0.	18	-1.60	0.0516	0.2072
19	-2.20	0.0141	0.0508	19	-2.20	0.	0.	19	-1.40	0.0467	0.2539
20	-2.10	0.0159	0.0667	20	-2.10	0.	0.	20	-1.20	0.0482	0.3022
21	-2.00	0.0205	0.0872	21	-2.00	0.	0.	21	-1.00	0.0362	0.3384
22	-1.90	0.0264	0.1136	22	-1.90	0.	0.	22	-0.80	0.0360	0.3743
23	-1.80	0.0287	0.1422	23	-1.80	0.	0.	23	-0.60	0.0343	0.4086
24	-1.70	0.0295	0.1717	24	-1.70	0.	0.	24	-0.40	0.0343	0.4430
25	-1.60	0.0279	0.1996	25	-1.60	0.0002	0.0002	25	-0.20	0.0351	0.4781
26	-1.50	0.0238	0.2234	26	-1.50	0.	0.0002	26	0.	0.0289	0.5070
27	-1.40	0.0260	0.2494	27	-1.40	0.	0.0002	27	0.20	0.0319	0.5389
28	-1.30	0.0249	0.2743	28	-1.30	0.0002	0.0003	28	0.40	0.0335	0.5723
29	-1.20	0.0206	0.2949	29	-1.20	0.	0.0003	29	0.60	0.0367	0.6090
30	-1.10	0.0210	0.3159	30	-1.10	0.	0.0003	30	0.80	0.0396	0.6487
31	-1.00	0.0192	0.3351	31	-1.00	0.0004	0.0008	31	1.00	0.0401	0.6888
32	-0.90	0.0186	0.3537	32	-0.90	0.0021	0.0028	32	1.20	0.0464	0.7352
33	-0.80	0.0174	0.3711	33	-0.80	0.0038	0.0067	33	1.40	0.0492	0.7844
34	-0.70	0.0181	0.3892	34	-0.70	0.0082	0.0149	34	1.60	0.0436	0.8280
35	-0.60	0.0168	0.4061	35	-0.60	0.0173	0.0322	35	1.80	0.0407	0.8688
36	-0.50	0.0163	0.4224	36	-0.50	0.0311	0.0633	36	2.00	0.0269	0.8957
37	-0.40	0.0162	0.4386	37	-0.40	0.0550	0.1183	37	2.20	0.0267	0.9224
38	-0.30	0.0172	0.4557	38	-0.30	0.0836	0.2018	38	2.40	0.0230	0.9454
39	-0.20	0.0145	0.4703	39	-0.20	0.1156	0.3175	39	2.60	0.0177	0.9630
40	-0.10	0.0181	0.4884	40	-0.10	0.1265	0.4439	40	2.80	0.0132	0.9763
41	0.	0.0153	0.5037	41	0.	0.1399	0.5838	41	3.00	0.0099	0.9862
42	0.10	0.0165	0.5202	42	0.10	0.1267	0.7106	42	3.20	0.0069	0.9931
43	0.20	0.0172	0.5373	43	0.20	0.0987	0.8093	43	3.40	0.0031	0.9962
44	0.30	0.0175	0.5548	44	0.30	0.0706	0.8799	44	3.60	0.0020	0.9981
45	0.40	0.0163	0.5711	45	0.40	0.0411	0.9209	45	3.80	0.0006	0.9987
46	0.50	0.0141	0.5852	46	0.50	0.0284	0.9493	46	4.00	0.0007	0.9994
47	0.60	0.0194	0.6047	47	0.60	0.0163	0.9656	47	4.20	0.0004	0.9998
48	0.70	0.0191	0.6238	48	0.70	0.0092	0.9748	48	4.40	0.0001	0.9999
49	0.80	0.0176	0.6413	49	0.80	0.0069	0.9817	49	4.60	0.0001	1.0000
50	0.90	0.0194	0.6607	50	0.90	0.0043	0.9860	50	4.80	0.	1.0000
51	1.00	0.0221	0.6828	51	1.00	0.0033	0.9893	51	5.00	0.	1.0000
52	1.10	0.0248	0.7077	52	1.10	0.0020	0.9913	52	5.20	0.	1.0000
53	1.20	0.0257	0.7334	53	1.20	0.0026	0.9939	53	5.40	0.	1.0000
54	1.30	0.0258	0.7592	54	1.30	0.0014	0.9952	54	5.60	0.	1.0000
55	1.40	0.0246	0.7838	55	1.40	0.0011	0.9963	55	5.80	0.	1.0000
56	1.50	0.0263	0.8101	56	1.50	0.0005	0.9968	56	6.00	0.	1.0000
57	1.60	0.0225	0.8326	57	1.60	0.0003	0.9972	57	6.20	0.	1.0000
58	1.70	0.0206	0.8532	58	1.70	0.0002	0.9974	58	6.40	0.	1.0000
59	1.80	0.0172	0.8703	59	1.80	0.	0.9974	59	6.60	0.	1.0000
60	1.90	0.0154	0.8857	60	1.90	0.0005	0.9979	60	6.80	0.	1.0000
61	2.00	0.0150	0.9007	61	2.00	0.0003	0.9981	61	7.00	0.	1.0000
62	2.10	0.0134	0.9141	62	2.10	0.0003	0.9985				
63	2.20	0.0117	0.9258	63	2.20	0.0004	0.9989				
64	2.30	0.0100	0.9358	64	2.30	0.0005	0.9994				
65	2.40	0.0110	0.9468	65	2.40	0.0003	0.9997				
66	2.50	0.0094	0.9562	66	2.50	0.0003	1.0000				
67	2.60	0.0088	0.9650	67	2.60	0.	1.0000				
68	2.70	0.0070	0.9721	68	2.70	0.	1.0000				
69	2.80	0.0044	0.9765	69	2.80	0.	1.0000				
70	2.90	0.0061	0.9825	70	2.90	0.	1.0000				
71	3.00	0.0047	0.9872	71	3.00	0.	1.0000				
72	3.10	0.0031	0.9903	72	3.10	0.	1.0000				
73	3.20	0.0038	0.9941	73	3.20	0.	1.0000				
74	3.30	0.0015	0.9956	74	3.30	0.	1.0000				
75	3.40	0.0027	0.9983	75	3.40	0.	1.0000				
76	3.50	0.0012	0.9995	76	3.50	0.	1.0000				
77	3.60	0.0005	1.0000	77	3.60	0.	1.0000				
78	3.70	0.	1.0000	78	3.70	0.	1.0000				
79	3.80	0.	1.0000	79	3.80	0.	1.0000				
80	3.90	0.	1.0000	80	3.90	0.	1.0000				
81	4.00	0.	1.0000	81	4.00	0.	1.0000				

I - INTERVAL NUMBER X - INTERVAL CENTER VALUE

P(X) - PROBABILITY MASS FUNCTION F(X) - CUMULATIVE DISTRIBUTION FUNCTION

LEWES DEL.

STATISTICS FOR JULY

ASTRONOMICAL TIDE				STORM SURGE				TOTAL WATER LEVEL			
MEAN 0.08		STND DEV 1.52		MEAN-0.07		STND DEV 0.27		MEAN 0.02		STND DEV 1.55	
I	X	P(X)	F(X)	I	X	P(X)	F(X)	I	X	P(X)	F(X)
1	-4.00	0.	0.	1	-4.00	0.	0.	1	-5.00	0.	0.
2	-3.90	0.	0.	2	-3.90	0.	0.	2	-4.80	0.	0.
3	-3.80	0.	0.	3	-3.80	0.	0.	3	-4.60	0.	0.
4	-3.70	0.	0.	4	-3.70	0.	0.	4	-4.40	0.	0.
5	-3.60	0.	0.	5	-3.60	0.	0.	5	-4.20	0.	0.
6	-3.50	0.	0.	6	-3.50	0.	0.	6	-4.00	0.	0.
7	-3.40	0.	0.	7	-3.40	0.	0.	7	-3.80	0.	0.
8	-3.30	0.	0.	8	-3.30	0.	0.	8	-3.60	0.	0.
9	-3.20	0.	0.	9	-3.20	0.	0.	9	-3.40	0.	0.
10	-3.10	0.	0.	10	-3.10	0.	0.	10	-3.20	0.0006	0.0006
11	-3.00	0.	0.	11	-3.00	0.	0.	11	-3.00	0.0034	0.0040
12	-2.90	0.	0.	12	-2.90	0.	0.	12	-2.80	0.0075	0.0115
13	-2.80	0.0011	0.0011	13	-2.80	0.	0.	13	-2.60	0.0142	0.0257
14	-2.70	0.0032	0.0043	14	-2.70	0.	0.	14	-2.40	0.0208	0.0464
15	-2.60	0.0050	0.0092	15	-2.60	0.	0.	15	-2.20	0.0304	0.0769
16	-2.50	0.0058	0.0150	16	-2.50	0.	0.	16	-2.00	0.0399	0.1167
17	-2.40	0.0089	0.0239	17	-2.40	0.	0.	17	-1.80	0.0510	0.1677
18	-2.30	0.0092	0.0330	18	-2.30	0.	0.	18	-1.60	0.0498	0.2175
19	-2.20	0.0130	0.0460	19	-2.20	0.	0.	19	-1.40	0.0484	0.2659
20	-2.10	0.0154	0.0614	20	-2.10	0.	0.	20	-1.20	0.0432	0.3091
21	-2.00	0.0203	0.0817	21	-2.00	0.	0.	21	-1.00	0.0372	0.3463
22	-1.90	0.0233	0.1050	22	-1.90	0.	0.	22	-0.80	0.0371	0.3834
23	-1.80	0.0266	0.1316	23	-1.80	0.	0.	23	-0.60	0.0340	0.4174
24	-1.70	0.0292	0.1609	24	-1.70	0.	0.	24	-0.40	0.0315	0.4488
25	-1.60	0.0262	0.1871	25	-1.60	0.	0.	25	-0.20	0.0335	0.4823
26	-1.50	0.0286	0.2156	26	-1.50	0.0002	0.0002	26	0.	0.0327	0.5150
27	-1.40	0.0267	0.2424	27	-1.40	0.0001	0.0003	27	0.20	0.0306	0.5456
28	-1.30	0.0229	0.2652	28	-1.30	0.0002	0.0004	28	0.40	0.0354	0.5809
29	-1.20	0.0218	0.2870	29	-1.20	0.	0.0004	29	0.60	0.0337	0.6146
30	-1.10	0.0213	0.3082	30	-1.10	0.	0.0004	30	0.80	0.0403	0.6549
31	-1.00	0.0194	0.3276	31	-1.00	0.0004	0.0009	31	1.00	0.0417	0.6966
32	-0.90	0.0190	0.3466	32	-0.90	0.0020	0.0029	32	1.20	0.0463	0.7429
33	-0.80	0.0172	0.3638	33	-0.80	0.0032	0.0061	33	1.40	0.0435	0.7864
34	-0.70	0.0186	0.3824	34	-0.70	0.0077	0.0137	34	1.60	0.0432	0.8296
35	-0.60	0.0181	0.4005	35	-0.60	0.0208	0.0345	35	1.80	0.0412	0.8708
36	-0.50	0.0169	0.4173	36	-0.50	0.0368	0.0713	36	2.00	0.0328	0.9035
37	-0.40	0.0173	0.4346	37	-0.40	0.0641	0.1354	37	2.20	0.0266	0.9302
38	-0.30	0.0148	0.4494	38	-0.30	0.1089	0.2443	38	2.40	0.0227	0.9529
39	-0.20	0.0147	0.4641	39	-0.20	0.1492	0.3935	39	2.60	0.0182	0.9710
40	-0.10	0.0176	0.4817	40	-0.10	0.1657	0.5592	40	2.80	0.0119	0.9830
41	0.	0.0158	0.4975	41	0.	0.1494	0.7086	41	3.00	0.0070	0.9900
42	0.10	0.0162	0.5137	42	0.10	0.1110	0.8196	42	3.20	0.0055	0.9954
43	0.20	0.0174	0.5311	43	0.20	0.0744	0.8940	43	3.40	0.0029	0.9984
44	0.30	0.0159	0.5470	44	0.30	0.0437	0.9378	44	3.60	0.0014	0.9997
45	0.40	0.0163	0.5633	45	0.40	0.0256	0.9634	45	3.80	0.0003	1.0000
46	0.50	0.0162	0.5795	46	0.50	0.0172	0.9806	46	4.00	0.	1.0000
47	0.60	0.0185	0.5979	47	0.60	0.0090	0.9895	47	4.20	0.	1.0000
48	0.70	0.0187	0.6167	48	0.70	0.0041	0.9936	48	4.40	0.	1.0000
49	0.80	0.0186	0.6353	49	0.80	0.0022	0.9958	49	4.60	0.	1.0000
50	0.90	0.0202	0.6554	50	0.90	0.0017	0.9975	50	4.80	0.	1.0000
51	1.00	0.0205	0.6759	51	1.00	0.0008	0.9983	51	5.00	0.	1.0000
52	1.10	0.0238	0.6997	52	1.10	0.0008	0.9990	52	5.20	0.	1.0000
53	1.20	0.0224	0.7221	53	1.20	0.0006	0.9997	53	5.40	0.	1.0000
54	1.30	0.0236	0.7457	54	1.30	0.0002	0.9998	54	5.60	0.	1.0000
55	1.40	0.0238	0.7695	55	1.40	0.0002	1.0000	55	5.80	0.	1.0000
56	1.50	0.0233	0.7928	56	1.50	0.	1.0000	56	6.00	0.	1.0000
57	1.60	0.0218	0.8146	57	1.60	0.	1.0000	57	6.20	0.	1.0000
58	1.70	0.0199	0.8345	58	1.70	0.	1.0000	58	6.40	0.	1.0000
59	1.80	0.0191	0.8536	59	1.80	0.	1.0000	59	6.60	0.	1.0000
60	1.90	0.0171	0.8707	60	1.90	0.	1.0000	60	6.80	0.	1.0000
61	2.00	0.0180	0.8887	61	2.00	0.	1.0000	61	7.00	0.	1.0000
62	2.10	0.0154	0.9041	62	2.10	0.	1.0000				
63	2.20	0.0151	0.9192	63	2.20	0.	1.0000				
64	2.30	0.0139	0.9330	64	2.30	0.	1.0000				
65	2.40	0.0123	0.9453	65	2.40	0.	1.0000				
66	2.50	0.0107	0.9560	66	2.50	0.	1.0000				
67	2.60	0.0092	0.9651	67	2.60	0.	1.0000				
68	2.70	0.0073	0.9725	68	2.70	0.	1.0000				
69	2.80	0.0061	0.9786	69	2.80	0.	1.0000				
70	2.90	0.0046	0.9832	70	2.90	0.	1.0000				
71	3.00	0.0045	0.9876	71	3.00	0.	1.0000				
72	3.10	0.0030	0.9907	72	3.10	0.	1.0000				
73	3.20	0.0036	0.9943	73	3.20	0.	1.0000				
74	3.30	0.0022	0.9965	74	3.30	0.	1.0000				
75	3.40	0.0020	0.9985	75	3.40	0.	1.0000				
76	3.50	0.0013	0.9998	76	3.50	0.	1.0000				
77	3.60	0.0003	1.0000	77	3.60	0.	1.0000				
78	3.70	0.	1.0000	78	3.70	0.	1.0000				
79	3.80	0.	1.0000	79	3.80	0.	1.0000				
80	3.90	0.	1.0000	80	3.90	0.	1.0000				
81	4.00	0.	1.0000	81	4.00	0.	1.0000				

I - INTERVAL NUMBER X - INTERVAL CENTER VALUE

P(X) - PROBABILITY MASS FUNCTION F(X) - CUMULATIVE DISTRIBUTION FUNCTION

LEWES DEL.

STATISTICS FOR AUGUST

ASTRONOMICAL TIDE				STORM SURGE				TOTAL WATER LEVEL			
MEAN 0.17		STND DEV 1.52		MEAN-0.05		STND DEV 0.33		MEAN 0.14		STND DEV 1.54	
I	X	P(X)	F(X)	I	X	P(X)	F(X)	I	X	P(X)	F(X)
1	-4.00	0.	0.	1	-4.00	0.	0.	1	-5.00	0.	0.
2	-3.90	0.	0.	2	-3.90	0.	0.	2	-4.80	0.	0.
3	-3.80	0.	0.	3	-3.80	0.	0.	3	-4.60	0.	0.
4	-3.70	0.	0.	4	-3.70	0.	0.	4	-4.40	0.	0.
5	-3.60	0.	0.	5	-3.60	0.	0.	5	-4.20	0.	0.
6	-3.50	0.	0.	6	-3.50	0.	0.	6	-4.00	0.	0.
7	-3.40	0.	0.	7	-3.40	0.	0.	7	-3.80	0.	0.
8	-3.30	0.	0.	8	-3.30	0.	0.	8	-3.60	0.	0.
9	-3.20	0.	0.	9	-3.20	0.	0.	9	-3.40	0.0001	0.0001
10	-3.10	0.	0.	10	-3.10	0.	0.	10	-3.20	0.0007	0.0008
11	-3.00	0.	0.	11	-3.00	0.	0.	11	-3.00	0.0017	0.0026
12	-2.90	0.	0.	12	-2.90	0.	0.	12	-2.80	0.0059	0.0084
13	-2.80	0.0008	0.0008	13	-2.80	0.	0.	13	-2.60	0.0100	0.0184
14	-2.70	0.0019	0.0028	14	-2.70	0.	0.	14	-2.40	0.0148	0.0332
15	-2.60	0.0029	0.0057	15	-2.60	0.	0.	15	-2.20	0.0266	0.0599
16	-2.50	0.0045	0.0102	16	-2.50	0.	0.	16	-2.00	0.0340	0.0939
17	-2.40	0.0066	0.0167	17	-2.40	0.	0.	17	-1.80	0.0431	0.1370
18	-2.30	0.0081	0.0248	18	-2.30	0.	0.	18	-1.60	0.0499	0.1869
19	-2.20	0.0103	0.0351	19	-2.20	0.	0.	19	-1.40	0.0476	0.2345
20	-2.10	0.0136	0.0487	20	-2.10	0.	0.	20	-1.20	0.0452	0.2798
21	-2.00	0.0171	0.0658	21	-2.00	0.	0.	21	-1.00	0.0392	0.3190
22	-1.90	0.0214	0.0872	22	-1.90	0.	0.	22	-0.80	0.0408	0.3598
23	-1.80	0.0226	0.1098	23	-1.80	0.	0.	23	-0.60	0.0358	0.3956
24	-1.70	0.0251	0.1349	24	-1.70	0.	0.	24	-0.40	0.0341	0.4297
25	-1.60	0.0274	0.1623	25	-1.60	0.	0.	25	-0.20	0.0311	0.4608
26	-1.50	0.0271	0.1894	26	-1.50	0.	0.	26	0.	0.0330	0.4939
27	-1.40	0.0257	0.2151	27	-1.40	0.	0.	27	0.20	0.0326	0.5264
28	-1.30	0.0239	0.2390	28	-1.30	0.	0.	28	0.40	0.0364	0.5627
29	-1.20	0.0268	0.2658	29	-1.20	0.	0.	29	0.60	0.0346	0.5973
30	-1.10	0.0208	0.2866	30	-1.10	0.0003	0.0003	30	0.80	0.0392	0.6365
31	-1.00	0.0221	0.3087	31	-1.00	0.0008	0.0011	31	1.00	0.0395	0.6760
32	-0.90	0.0212	0.3299	32	-0.90	0.0016	0.0027	32	1.20	0.0433	0.7193
33	-0.80	0.0181	0.3480	33	-0.80	0.0037	0.0063	33	1.40	0.0413	0.7606
34	-0.70	0.0183	0.3663	34	-0.70	0.0081	0.0144	34	1.60	0.0437	0.8043
35	-0.60	0.0160	0.3822	35	-0.60	0.0224	0.0368	35	1.80	0.0399	0.8442
36	-0.50	0.0169	0.3991	36	-0.50	0.0438	0.0806	36	2.00	0.0367	0.8810
37	-0.40	0.0172	0.4163	37	-0.40	0.0780	0.1586	37	2.20	0.0348	0.9158
38	-0.30	0.0165	0.4328	38	-0.30	0.1131	0.2717	38	2.40	0.0310	0.9468
39	-0.20	0.0154	0.4482	39	-0.20	0.1412	0.4129	39	2.60	0.0217	0.9685
40	-0.10	0.0171	0.4653	40	-0.10	0.1356	0.5485	40	2.80	0.0146	0.9831
41	0.	0.0176	0.4829	41	0.	0.1207	0.6692	41	3.00	0.0085	0.9916
42	0.10	0.0169	0.4998	42	0.10	0.1065	0.7757	42	3.20	0.0035	0.9950
43	0.20	0.0161	0.5158	43	0.20	0.0755	0.8512	43	3.40	0.0028	0.9979
44	0.30	0.0175	0.5333	44	0.30	0.0523	0.9035	44	3.60	0.0012	0.9991
45	0.40	0.0155	0.5487	45	0.40	0.0316	0.9351	45	3.80	0.0002	0.9993
46	0.50	0.0168	0.5655	46	0.50	0.0197	0.9548	46	4.00	0.0005	0.9997
47	0.60	0.0180	0.5835	47	0.60	0.0118	0.9666	47	4.20	0.0003	1.0000
48	0.70	0.0150	0.5985	48	0.70	0.0093	0.9759	48	4.40	0.	1.0000
49	0.80	0.0198	0.6184	49	0.80	0.0066	0.9825	49	4.60	0.	1.0000
50	0.90	0.0197	0.6381	50	0.90	0.0058	0.9883	50	4.80	0.	1.0000
51	1.00	0.0217	0.6598	51	1.00	0.0039	0.9921	51	5.00	0.	1.0000
52	1.10	0.0200	0.6798	52	1.10	0.0032	0.9953	52	5.20	0.	1.0000
53	1.20	0.0225	0.7023	53	1.20	0.0013	0.9966	53	5.40	0.	1.0000
54	1.30	0.0214	0.7237	54	1.30	0.0016	0.9982	54	5.60	0.	1.0000
55	1.40	0.0212	0.7449	55	1.40	0.0006	0.9988	55	5.80	0.	1.0000
56	1.50	0.0211	0.7660	56	1.50	0.0006	0.9994	56	6.00	0.	1.0000
57	1.60	0.0205	0.7865	57	1.60	0.0005	0.9998	57	6.20	0.	1.0000
58	1.70	0.0213	0.8078	58	1.70	0.0001	0.9999	58	6.40	0.	1.0000
59	1.80	0.0190	0.8268	59	1.80	0.0001	1.0000	59	6.60	0.	1.0000
60	1.90	0.0201	0.8469	60	1.90	0.	1.0000	60	6.80	0.	1.0000
61	2.00	0.0196	0.8664	61	2.00	0.	1.0000	61	7.00	0.	1.0000
62	2.10	0.0185	0.8849	62	2.10	0.	1.0000				
63	2.20	0.0177	0.9026	63	2.20	0.	1.0000				
64	2.30	0.0172	0.9199	64	2.30	0.	1.0000				
65	2.40	0.0161	0.9360	65	2.40	0.	1.0000				
66	2.50	0.0156	0.9516	66	2.50	0.	1.0000				
67	2.60	0.0124	0.9641	67	2.60	0.	1.0000				
68	2.70	0.0104	0.9745	68	2.70	0.	1.0000				
69	2.80	0.0076	0.9820	69	2.80	0.	1.0000				
70	2.90	0.0048	0.9868	70	2.90	0.	1.0000				
71	3.00	0.0040	0.9908	71	3.00	0.	1.0000				
72	3.10	0.0033	0.9941	72	3.10	0.	1.0000				
73	3.20	0.0022	0.9963	73	3.20	0.	1.0000				
74	3.30	0.0019	0.9982	74	3.30	0.	1.0000				
75	3.40	0.0012	0.9994	75	3.40	0.	1.0000				
76	3.50	0.0006	1.0000	76	3.50	0.	1.0000				
77	3.60	0.	1.0000	77	3.60	0.	1.0000				
78	3.70	0.	1.0000	78	3.70	0.	1.0000				
79	3.80	0.	1.0000	79	3.80	0.	1.0000				
80	3.90	0.	1.0000	80	3.90	0.	1.0000				
81	4.00	0.	1.0000	81	4.00	0.	1.0000				

I - INTERVAL NUMBER X - INTERVAL CENTER VALUE

P(X) - PROBABILITY MASS FUNCTION F(X) - CUMULATIVE DISTRIBUTION FUNCTION

LEWES DEL.

STATISTICS FOR SEPTEMBER

ASTRONOMICAL TIDE				STORM SURGE				TOTAL WATER LEVEL			
MEAN 0.25		STND DEV 1.51		MEAN-0.02		STND DEV 0.40		MEAN 0.25		STND DEV 1.54	
I	X	P(X)	F(X)	I	X	P(X)	F(X)	I	X	P(X)	F(X)
1	-4.00	0.	0.	1	-4.00	0.	0.	1	-5.00	0.	0.
2	-3.90	0.	0.	2	-3.90	0.	0.	2	-4.80	0.	0.
3	-3.80	0.	0.	3	-3.80	0.	0.	3	-4.60	0.	0.
4	-3.70	0.	0.	4	-3.70	0.	0.	4	-4.40	0.	0.
5	-3.60	0.	0.	5	-3.60	0.	0.	5	-4.20	0.	0.
6	-3.50	0.	0.	6	-3.50	0.	0.	6	-4.00	0.	0.
7	-3.40	0.	0.	7	-3.40	0.	0.	7	-3.80	0.	0.
8	-3.30	0.	0.	8	-3.30	0.	0.	8	-3.60	0.0001	0.0001
9	-3.20	0.	0.	9	-3.20	0.	0.	9	-3.40	0.0001	0.0002
10	-3.10	0.	0.	10	-3.10	0.	0.	10	-3.20	0.0010	0.0011
11	-3.00	0.	0.	11	-3.00	0.	0.	11	-3.00	0.0017	0.0028
12	-2.90	0.	0.	12	-2.90	0.	0.	12	-2.80	0.0050	0.0078
13	-2.80	0.0004	0.0004	13	-2.80	0.	0.	13	-2.60	0.0083	0.0161
14	-2.70	0.0022	0.0026	14	-2.70	0.	0.	14	-2.40	0.0123	0.0284
15	-2.60	0.0029	0.0056	15	-2.60	0.	0.	15	-2.20	0.0183	0.0467
16	-2.50	0.0042	0.0097	16	-2.50	0.	0.	16	-2.00	0.0256	0.0722
17	-2.40	0.0053	0.0151	17	-2.40	0.	0.	17	-1.80	0.0363	0.1086
18	-2.30	0.0069	0.0219	18	-2.30	0.	0.	18	-1.60	0.0441	0.1526
19	-2.20	0.0078	0.0297	19	-2.20	0.	0.	19	-1.40	0.0479	0.2005
20	-2.10	0.0109	0.0406	20	-2.10	0.	0.	20	-1.20	0.0499	0.2503
21	-2.00	0.0137	0.0543	21	-2.00	0.	0.	21	-1.00	0.0418	0.2922
22	-1.90	0.0161	0.0704	22	-1.90	0.	0.	22	-0.80	0.0389	0.3311
23	-1.80	0.0208	0.0912	23	-1.80	0.	0.	23	-0.60	0.0408	0.3719
24	-1.70	0.0216	0.1128	24	-1.70	0.	0.	24	-0.40	0.0387	0.4106
25	-1.60	0.0248	0.1376	25	-1.60	0.0001	0.0001	25	-0.20	0.0347	0.4453
26	-1.50	0.0255	0.1631	26	-1.50	0.	0.0001	26	0.	0.0313	0.4766
27	-1.40	0.0257	0.1888	27	-1.40	0.	0.0001	27	0.20	0.0349	0.5115
28	-1.30	0.0265	0.2154	28	-1.30	0.0002	0.0003	28	0.40	0.0349	0.5465
29	-1.20	0.0265	0.2418	29	-1.20	0.	0.0003	29	0.60	0.0340	0.5805
30	-1.10	0.0238	0.2657	30	-1.10	0.0008	0.0010	30	0.80	0.0381	0.6185
31	-1.00	0.0251	0.2908	31	-1.00	0.0015	0.0025	31	1.00	0.0425	0.6611
32	-0.90	0.0208	0.3117	32	-0.90	0.0044	0.0069	32	1.20	0.0393	0.7004
33	-0.80	0.0182	0.3299	33	-0.80	0.0083	0.0152	33	1.40	0.0389	0.7393
34	-0.70	0.0181	0.3479	34	-0.70	0.0181	0.0332	34	1.60	0.0417	0.7810
35	-0.60	0.0186	0.3665	35	-0.60	0.0271	0.0604	35	1.80	0.0427	0.8237
36	-0.50	0.0201	0.3867	36	-0.50	0.0483	0.1086	36	2.00	0.0388	0.8625
37	-0.40	0.0158	0.4025	37	-0.40	0.0670	0.1756	37	2.20	0.0385	0.9010
38	-0.30	0.0181	0.4206	38	-0.30	0.0851	0.2607	38	2.40	0.0294	0.9304
39	-0.20	0.0161	0.4367	39	-0.20	0.1145	0.3752	39	2.60	0.0247	0.9552
40	-0.10	0.0152	0.4519	40	-0.10	0.1270	0.5022	40	2.80	0.0189	0.9740
41	0.	0.0178	0.4696	41	0.	0.1188	0.6210	41	3.00	0.0126	0.9866
42	0.10	0.0165	0.4861	42	0.10	0.1006	0.7216	42	3.20	0.0069	0.9935
43	0.20	0.0150	0.5011	43	0.20	0.0767	0.7983	43	3.40	0.0031	0.9966
44	0.30	0.0179	0.5190	44	0.30	0.0619	0.8602	44	3.60	0.0016	0.9981
45	0.40	0.0171	0.5360	45	0.40	0.0412	0.9013	45	3.80	0.0007	0.9988
46	0.50	0.0163	0.5523	46	0.50	0.0263	0.9277	46	4.00	0.0004	0.9992
47	0.60	0.0180	0.5703	47	0.60	0.0203	0.9480	47	4.20	0.0003	0.9996
48	0.70	0.0176	0.5879	48	0.70	0.0137	0.9617	48	4.40	0.0004	1.0000
49	0.80	0.0168	0.6047	49	0.80	0.0092	0.9709	49	4.60	0.	1.0000
50	0.90	0.0201	0.6249	50	0.90	0.0059	0.9768	50	4.80	0.	1.0000
51	1.00	0.0208	0.6457	51	1.00	0.0055	0.9824	51	5.00	0.	1.0000
52	1.10	0.0201	0.6658	52	1.10	0.0047	0.9870	52	5.20	0.	1.0000
53	1.20	0.0211	0.6870	53	1.20	0.0028	0.9898	53	5.40	0.	1.0000
54	1.30	0.0205	0.7074	54	1.30	0.0021	0.9919	54	5.60	0.	1.0000
55	1.40	0.0221	0.7295	55	1.40	0.0020	0.9939	55	5.80	0.	1.0000
56	1.50	0.0193	0.7488	56	1.50	0.0015	0.9954	56	6.00	0.	1.0000
57	1.60	0.0205	0.7693	57	1.60	0.0006	0.9960	57	6.20	0.	1.0000
58	1.70	0.0218	0.7911	58	1.70	0.0010	0.9970	58	6.40	0.	1.0000
59	1.80	0.0165	0.8076	59	1.80	0.0007	0.9977	59	6.60	0.	1.0000
60	1.90	0.0191	0.8266	60	1.90	0.0010	0.9986	60	6.80	0.	1.0000
61	2.00	0.0223	0.8489	61	2.00	0.0003	0.9989	61	7.00	0.	1.0000
62	2.10	0.0210	0.8699	62	2.10	0.0007	0.9996				
63	2.20	0.0189	0.8888	63	2.20	0.0004	1.0000				
64	2.30	0.0187	0.9075	64	2.30	0.	1.0000				
65	2.40	0.0193	0.9268	65	2.40	0.	1.0000				
66	2.50	0.0164	0.9432	66	2.50	0.	1.0000				
67	2.60	0.0147	0.9579	67	2.60	0.	1.0000				
68	2.70	0.0120	0.9698	68	2.70	0.	1.0000				
69	2.80	0.0082	0.9780	69	2.80	0.	1.0000				
70	2.90	0.0076	0.9857	70	2.90	0.	1.0000				
71	3.00	0.0044	0.9901	71	3.00	0.	1.0000				
72	3.10	0.0042	0.9942	72	3.10	0.	1.0000				
73	3.20	0.0029	0.9972	73	3.20	0.	1.0000				
74	3.30	0.0024	0.9995	74	3.30	0.	1.0000				
75	3.40	0.0003	0.9998	75	3.40	0.	1.0000				
76	3.50	0.0002	1.0000	76	3.50	0.	1.0000				
77	3.60	0.	1.0000	77	3.60	0.	1.0000				
78	3.70	0.	1.0000	78	3.70	0.	1.0000				
79	3.80	0.	1.0000	79	3.80	0.	1.0000				
80	3.90	0.	1.0000	80	3.90	0.	1.0000				
81	4.00	0.	1.0000	81	4.00	0.	1.0000				

I - INTERVAL NUMBER X - INTERVAL CENTER VALUE

P(X) - PROBABILITY MASS FUNCTION F(X) - CUMULATIVE DISTRIBUTION FUNCTION

LEWES DEL.

STATISTICS FOR OCTOBER

ASTRONOMICAL TIDE				STORM SURGE				TOTAL WATER LEVEL			
MEAN 0.23		STND DEV 1.52		MEAN 0.02		STND DEV 0.59		MEAN 0.25		STND DEV 1.59	
I	X	P(X)	F(X)	I	X	P(X)	F(X)	I	X	P(X)	F(X)
1	-4.00	0.	0.	1	-4.00	0.	0.	1	-5.00	0.	0.
2	-3.90	0.	0.	2	-3.90	0.	0.	2	-4.80	0.	0.
3	-3.80	0.	0.	3	-3.80	0.	0.	3	-4.60	0.	0.
4	-3.70	0.	0.	4	-3.70	0.	0.	4	-4.40	0.	0.
5	-3.60	0.	0.	5	-3.60	0.	0.	5	-4.20	0.	0.
6	-3.50	0.	0.	6	-3.50	0.	0.	6	-4.00	0.0001	0.0001
7	-3.40	0.	0.	7	-3.40	0.	0.	7	-3.80	0.	0.0001
8	-3.30	0.	0.	8	-3.30	0.	0.	8	-3.60	0.0004	0.0005
9	-3.20	0.	0.	9	-3.20	0.	0.	9	-3.40	0.0005	0.0010
10	-3.10	0.	0.	10	-3.10	0.	0.	10	-3.20	0.0016	0.0025
11	-3.00	0.	0.	11	-3.00	0.	0.	11	-3.00	0.0040	0.0066
12	-2.90	0.	0.	12	-2.90	0.	0.	12	-2.80	0.0050	0.0116
13	-2.80	0.0004	0.0004	13	-2.80	0.	0.	13	-2.60	0.0091	0.0207
14	-2.70	0.0023	0.0028	14	-2.70	0.	0.	14	-2.40	0.0145	0.0351
15	-2.60	0.0036	0.0064	15	-2.60	0.	0.	15	-2.20	0.0217	0.0568
16	-2.50	0.0045	0.0108	16	-2.50	0.	0.	16	-2.00	0.0277	0.0845
17	-2.40	0.0064	0.0172	17	-2.40	0.0001	0.0001	17	-1.80	0.0362	0.1207
18	-2.30	0.0077	0.0249	18	-2.30	0.0001	0.0002	18	-1.60	0.0430	0.1637
19	-2.20	0.0088	0.0337	19	-2.20	0.0002	0.0003	19	-1.40	0.0412	0.2049
20	-2.10	0.0110	0.0446	20	-2.10	0.0002	0.0005	20	-1.20	0.0419	0.2468
21	-2.00	0.0155	0.0601	21	-2.00	0.0002	0.0007	21	-1.00	0.0445	0.2913
22	-1.90	0.0172	0.0773	22	-1.90	0.0005	0.0011	22	-0.80	0.0379	0.3292
23	-1.80	0.0222	0.0995	23	-1.80	0.0007	0.0018	23	-0.60	0.0381	0.3673
24	-1.70	0.0200	0.1195	24	-1.70	0.0005	0.0023	24	-0.40	0.0352	0.4025
25	-1.60	0.0267	0.1462	25	-1.60	0.0010	0.0033	25	-0.20	0.0357	0.4382
26	-1.50	0.0238	0.1699	26	-1.50	0.0012	0.0045	26	0.	0.0362	0.4744
27	-1.40	0.0244	0.1943	27	-1.40	0.0020	0.0065	27	0.20	0.0363	0.5107
28	-1.30	0.0257	0.2200	28	-1.30	0.0033	0.0098	28	0.40	0.0373	0.5480
29	-1.20	0.0266	0.2466	29	-1.20	0.0046	0.0143	29	0.60	0.0336	0.5816
30	-1.10	0.0244	0.2710	30	-1.10	0.0070	0.0213	30	0.80	0.0409	0.6225
31	-1.00	0.0223	0.2933	31	-1.00	0.0086	0.0299	31	1.00	0.0373	0.6598
32	-0.90	0.0211	0.3144	32	-0.90	0.0127	0.0426	32	1.20	0.0406	0.7004
33	-0.80	0.0215	0.3359	33	-0.80	0.0183	0.0609	33	1.40	0.0377	0.7382
34	-0.70	0.0194	0.3553	34	-0.70	0.0274	0.0883	34	1.60	0.0402	0.7783
35	-0.60	0.0168	0.3720	35	-0.60	0.0395	0.1278	35	1.80	0.0396	0.8179
36	-0.50	0.0165	0.3885	36	-0.50	0.0527	0.1805	36	2.00	0.0387	0.8566
37	-0.40	0.0176	0.4061	37	-0.40	0.0656	0.2461	37	2.20	0.0360	0.8926
38	-0.30	0.0170	0.4231	38	-0.30	0.0772	0.3233	38	2.40	0.0291	0.9217
39	-0.20	0.0173	0.4404	39	-0.20	0.0874	0.4107	39	2.60	0.0225	0.9443
40	-0.10	0.0159	0.4563	40	-0.10	0.0874	0.4981	40	2.80	0.0171	0.9613
41	0.	0.0161	0.4723	41	0.	0.0877	0.5857	41	3.00	0.0136	0.9750
42	0.10	0.0178	0.4902	42	0.10	0.0773	0.6630	42	3.20	0.0089	0.9839
43	0.20	0.0158	0.5059	43	0.20	0.0654	0.7284	43	3.40	0.0058	0.9897
44	0.30	0.0180	0.5240	44	0.30	0.0521	0.7805	44	3.60	0.0043	0.9940
45	0.40	0.0152	0.5392	45	0.40	0.0382	0.8187	45	3.80	0.0028	0.9967
46	0.50	0.0146	0.5538	46	0.50	0.0311	0.8498	46	4.00	0.0015	0.9982
47	0.60	0.0187	0.5725	47	0.60	0.0286	0.8784	47	4.20	0.0003	0.9985
48	0.70	0.0199	0.5924	48	0.70	0.0211	0.8995	48	4.40	0.0008	0.9993
49	0.80	0.0192	0.6116	49	0.80	0.0174	0.9169	49	4.60	0.0002	0.9995
50	0.90	0.0188	0.6305	50	0.90	0.0137	0.9306	50	4.80	0.0002	0.9997
51	1.00	0.0200	0.6504	51	1.00	0.0129	0.9435	51	5.00	0.0001	0.9998
52	1.10	0.0195	0.6699	52	1.10	0.0097	0.9532	52	5.20	0.0001	0.9998
53	1.20	0.0211	0.6910	53	1.20	0.0076	0.9608	53	5.40	0.0001	0.9999
54	1.30	0.0216	0.7126	54	1.30	0.0068	0.9676	54	5.60	0.0001	1.0000
55	1.40	0.0229	0.7354	55	1.40	0.0066	0.9741	55	5.80	0.	1.0000
56	1.50	0.0202	0.7557	56	1.50	0.0052	0.9794	56	6.00	0.	1.0000
57	1.60	0.0190	0.7746	57	1.60	0.0048	0.9842	57	6.20	0.	1.0000
58	1.70	0.0197	0.7943	58	1.70	0.0029	0.9871	58	6.40	0.	1.0000
59	1.80	0.0196	0.8139	59	1.80	0.0028	0.9899	59	6.60	0.	1.0000
60	1.90	0.0201	0.8340	60	1.90	0.0027	0.9926	60	6.80	0.	1.0000
61	2.00	0.0229	0.8568	61	2.00	0.0016	0.9942	61	7.00	0.	1.0000
62	2.10	0.0199	0.8767	62	2.10	0.0014	0.9956				
63	2.20	0.0184	0.8951	63	2.20	0.0011	0.9967				
64	2.30	0.0195	0.9145	64	2.30	0.0007	0.9974				
65	2.40	0.0180	0.9326	65	2.40	0.0007	0.9981				
66	2.50	0.0142	0.9467	66	2.50	0.0002	0.9983				
67	2.60	0.0128	0.9595	67	2.60	0.0002	0.9984				
68	2.70	0.0107	0.9702	68	2.70	0.0003	0.9987				
69	2.80	0.0064	0.9767	69	2.80	0.0002	0.9990				
70	2.90	0.0065	0.9832	70	2.90	0.0003	0.9993				
71	3.00	0.0047	0.9879	71	3.00	0.0002	0.9995				
72	3.10	0.0037	0.9916	72	3.10	0.0002	0.9996				
73	3.20	0.0029	0.9945	73	3.20	0.0001	0.9997				
74	3.30	0.0026	0.9971	74	3.30	0.0001	0.9998				
75	3.40	0.0011	0.9982	75	3.40	0.0001	0.9998				
76	3.50	0.0011	0.9993	76	3.50	0.0002	1.0000				
77	3.60	0.0006	0.9999	77	3.60	0.	1.0000				
78	3.70	0.0001	1.0000	78	3.70	0.	1.0000				
79	3.80	0.	1.0000	79	3.80	0.	1.0000				
80	3.90	0.	1.0000	80	3.90	0.	1.0000				
81	4.00	0.	1.0000	81	4.00	0.	1.0000				

I - INTERVAL NUMBER X - INTERVAL CENTER VALUE

P(X) - PROBABILITY MASS FUNCTION F(X) - CUMULATIVE DISTRIBUTION FUNCTION

LEWES DEL.

STATISTICS FOR NOVEMBER

ASTRONOMICAL TIDE				STORM SURGE				TOTAL WATER LEVEL			
MEAN 0.07		STND DEV 1.53		MEAN 0.00		STND DEV 0.64		MEAN 0.08		STND DEV 1.62	
I	X	P(X)	F(X)	I	X	P(X)	F(X)	I	X	P(X)	F(X)
1	-4.00	0.	0.	1	-4.00	0.	0.	1	-5.00	0.0002	0.0002
2	-3.90	0.	0.	2	-3.90	0.	0.	2	-4.80	0.0002	0.0003
3	-3.80	0.	0.	3	-3.80	0.	0.	3	-4.60	0.0002	0.0005
4	-3.70	0.	0.	4	-3.70	0.	0.	4	-4.40	0.0002	0.0007
5	-3.60	0.	0.	5	-3.60	0.	0.	5	-4.20	0.0002	0.0009
6	-3.50	0.	0.	6	-3.50	0.	0.	6	-4.00	0.0005	0.0015
7	-3.40	0.	0.	7	-3.40	0.	0.	7	-3.80	0.0005	0.0020
8	-3.30	0.	0.	8	-3.30	0.	0.	8	-3.60	0.0012	0.0033
9	-3.20	0.	0.	9	-3.20	0.	0.	9	-3.40	0.0028	0.0060
10	-3.10	0.	0.	10	-3.10	0.	0.	10	-3.20	0.0049	0.0110
11	-3.00	0.0002	0.0002	11	-3.00	0.	0.	11	-3.00	0.0063	0.0173
12	-2.90	0.0009	0.0010	12	-2.90	0.0001	0.0001	12	-2.80	0.0099	0.0272
13	-2.80	0.0023	0.0033	13	-2.80	0.	0.0001	13	-2.60	0.0127	0.0399
14	-2.70	0.0050	0.0083	14	-2.70	0.0002	0.0002	14	-2.40	0.0206	0.0605
15	-2.60	0.0054	0.0137	15	-2.60	0.	0.0002	15	-2.20	0.0254	0.0859
16	-2.50	0.0068	0.0205	16	-2.50	0.0002	0.0004	16	-2.00	0.0325	0.1184
17	-2.40	0.0073	0.0279	17	-2.40	0.0005	0.0009	17	-1.80	0.0345	0.1528
18	-2.30	0.0103	0.0382	18	-2.30	0.0006	0.0016	18	-1.60	0.0415	0.1943
19	-2.20	0.0126	0.0508	19	-2.20	0.0006	0.0022	19	-1.40	0.0451	0.2394
20	-2.10	0.0162	0.0670	20	-2.10	0.0011	0.0033	20	-1.20	0.0403	0.2797
21	-2.00	0.0203	0.0873	21	-2.00	0.0012	0.0045	21	-1.00	0.0400	0.3197
22	-1.90	0.0212	0.1085	22	-1.90	0.0015	0.0060	22	-0.80	0.0417	0.3614
23	-1.80	0.0259	0.1343	23	-1.80	0.0018	0.0077	23	-0.60	0.0370	0.3984
24	-1.70	0.0262	0.1605	24	-1.70	0.0019	0.0096	24	-0.40	0.0368	0.4352
25	-1.60	0.0255	0.1860	25	-1.60	0.0034	0.0130	25	-0.20	0.0363	0.4716
26	-1.50	0.0276	0.2136	26	-1.50	0.0049	0.0179	26	0.	0.0363	0.5078
27	-1.40	0.0266	0.2402	27	-1.40	0.0055	0.0234	27	0.20	0.0321	0.5399
28	-1.30	0.0239	0.2641	28	-1.30	0.0087	0.0321	28	0.40	0.0392	0.5791
29	-1.20	0.0228	0.2869	29	-1.20	0.0098	0.0419	29	0.60	0.0369	0.6160
30	-1.10	0.0214	0.3083	30	-1.10	0.0116	0.0535	30	0.80	0.0362	0.6521
31	-1.00	0.0191	0.3273	31	-1.00	0.0143	0.0678	31	1.00	0.0415	0.6937
32	-0.90	0.0192	0.3465	32	-0.90	0.0169	0.0847	32	1.20	0.0399	0.7335
33	-0.80	0.0187	0.3652	33	-0.80	0.0210	0.1057	33	1.40	0.0405	0.7740
34	-0.70	0.0178	0.3830	34	-0.70	0.0278	0.1334	34	1.60	0.0417	0.8157
35	-0.60	0.0163	0.3992	35	-0.60	0.0350	0.1684	35	1.80	0.0335	0.8492
36	-0.50	0.0181	0.4173	36	-0.50	0.0424	0.2108	36	2.00	0.0346	0.8837
37	-0.40	0.0159	0.4332	37	-0.40	0.0527	0.2635	37	2.20	0.0291	0.9128
38	-0.30	0.0168	0.4500	38	-0.30	0.0608	0.3243	38	2.40	0.0224	0.9352
39	-0.20	0.0157	0.4657	39	-0.20	0.0673	0.3916	39	2.60	0.0181	0.9533
40	-0.10	0.0167	0.4824	40	-0.10	0.0680	0.4596	40	2.80	0.0144	0.9677
41	0.	0.0162	0.4986	41	0.	0.0675	0.5271	41	3.00	0.0102	0.9779
42	0.10	0.0165	0.5151	42	0.10	0.0700	0.5970	42	3.20	0.0087	0.9866
43	0.20	0.0150	0.5301	43	0.20	0.0657	0.6627	43	3.40	0.0037	0.9903
44	0.30	0.0171	0.5472	44	0.30	0.0633	0.7260	44	3.60	0.0040	0.9943
45	0.40	0.0161	0.5633	45	0.40	0.0581	0.7841	45	3.80	0.0025	0.9968
46	0.50	0.0171	0.5823	46	0.50	0.0475	0.8316	46	4.00	0.0015	0.9982
47	0.60	0.0182	0.6005	47	0.60	0.0383	0.8698	47	4.20	0.0009	0.9992
48	0.70	0.0187	0.6192	48	0.70	0.0302	0.9000	48	4.40	0.0005	0.9996
49	0.80	0.0185	0.6377	49	0.80	0.0223	0.9224	49	4.60	0.0002	0.9998
50	0.90	0.0200	0.6577	50	0.90	0.0173	0.9397	50	4.80	0.0001	0.9998
51	1.00	0.0222	0.6799	51	1.00	0.0146	0.9543	51	5.00	0.0001	0.9999
52	1.10	0.0221	0.7020	52	1.10	0.0121	0.9664	52	5.20	0.	0.9999
53	1.20	0.0228	0.7248	53	1.20	0.0077	0.9740	53	5.40	0.0001	1.0000
54	1.30	0.0223	0.7471	54	1.30	0.0065	0.9805	54	5.60	0.	1.0000
55	1.40	0.0225	0.7696	55	1.40	0.0046	0.9852	55	5.80	0.	1.0000
56	1.50	0.0203	0.7899	56	1.50	0.0041	0.9892	56	6.00	0.	1.0000
57	1.60	0.0234	0.8133	57	1.60	0.0026	0.9919	57	6.20	0.	1.0000
58	1.70	0.0234	0.8367	58	1.70	0.0019	0.9937	58	6.40	0.	1.0000
59	1.80	0.0210	0.8576	59	1.80	0.0016	0.9953	59	6.60	0.	1.0000
60	1.90	0.0184	0.8761	60	1.90	0.0005	0.9958	60	6.80	0.	1.0000
61	2.00	0.0183	0.8944	61	2.00	0.0011	0.9968	61	7.00	0.	1.0000
62	2.10	0.0161	0.9105	62	2.10	0.0004	0.9972				
63	2.20	0.0145	0.9250	63	2.20	0.0007	0.9979				
64	2.30	0.0123	0.9373	64	2.30	0.0002	0.9981				
65	2.40	0.0093	0.9466	65	2.40	0.0006	0.9988				
66	2.50	0.0107	0.9573	66	2.50	0.0001	0.9988				
67	2.60	0.0097	0.9670	67	2.60	0.0002	0.9990				
68	2.70	0.0062	0.9732	68	2.70	0.0001	0.9991				
69	2.80	0.0050	0.9782	69	2.80	0.	0.9991				
70	2.90	0.0048	0.9830	70	2.90	0.0002	0.9992				
71	3.00	0.0035	0.9864	71	3.00	0.0002	0.9994				
72	3.10	0.0036	0.9900	72	3.10	0.	0.9994				
73	3.20	0.0025	0.9924	73	3.20	0.0001	0.9995				
74	3.30	0.0027	0.9951	74	3.30	0.	0.9995				
75	3.40	0.0024	0.9975	75	3.40	0.	0.9995				
76	3.50	0.0014	0.9989	76	3.50	0.0001	0.9995				
77	3.60	0.0008	0.9997	77	3.60	0.	0.9995				
78	3.70	0.0003	1.0000	78	3.70	0.	0.9995				
79	3.80	0.	1.0000	79	3.80	0.0001	0.9996				
80	3.90	0.	1.0000	80	3.90	0.0001	0.9997				
81	4.00	0.	1.0000	81	4.00	0.	0.9997				

I - INTERVAL NUMBER X - INTERVAL CENTER VALUE

P(X) - PROBABILITY MASS FUNCTION F(X) - CUMULATIVE DISTRIBUTION FUNCTION

LEWES DEL.

STATISTICS FOR DECEMBER

ASTRONOMICAL TIDE				STORM SURGE				TOTAL WATER LEVEL			
MEAN-0.14		STND DEV 1.52		MEAN-0.03		STND DEV 0.73		MEAN-0.15		STND DEV 1.66	
I	X	P(X)	F(X)	I	X	P(X)	F(X)	I	X	P(X)	F(X)
1	-4.00	0.	0.	1	-4.00	0.0001	0.0001	1	-5.00	0.	0.
2	-3.90	0.	0.	2	-3.90	0.	0.0001	2	-4.80	0.0002	0.0002
3	-3.80	0.	0.	3	-3.80	0.0001	0.0002	3	-4.60	0.0007	0.0009
4	-3.70	0.	0.	4	-3.70	0.0002	0.0003	4	-4.40	0.0014	0.0022
5	-3.60	0.	0.	5	-3.60	0.0001	0.0004	5	-4.20	0.0006	0.0028
6	-3.50	0.	0.	6	-3.50	0.0001	0.0005	6	-4.00	0.0015	0.0043
7	-3.40	0.	0.	7	-3.40	0.0002	0.0007	7	-3.80	0.0032	0.0076
8	-3.30	0.	0.	8	-3.30	0.0001	0.0008	8	-3.60	0.0044	0.0120
9	-3.20	0.0002	0.0002	9	-3.20	0.0002	0.0009	9	-3.40	0.0067	0.0186
10	-3.10	0.0004	0.0006	10	-3.10	0.0003	0.0012	10	-3.20	0.0074	0.0260
11	-3.00	0.0022	0.0028	11	-3.00	0.0002	0.0014	11	-3.00	0.0123	0.0383
12	-2.90	0.0034	0.0062	12	-2.90	0.	0.0014	12	-2.80	0.0153	0.0536
13	-2.80	0.0049	0.0111	13	-2.80	0.0002	0.0017	13	-2.60	0.0194	0.0730
14	-2.70	0.0057	0.0167	14	-2.70	0.0002	0.0018	14	-2.40	0.0251	0.0981
15	-2.60	0.0072	0.0239	15	-2.60	0.0002	0.0020	15	-2.20	0.0300	0.1281
16	-2.50	0.0120	0.0359	16	-2.50	0.0003	0.0023	16	-2.00	0.0348	0.1629
17	-2.40	0.0141	0.0500	17	-2.40	0.0004	0.0027	17	-1.80	0.0410	0.2039
18	-2.30	0.0158	0.0659	18	-2.30	0.0011	0.0038	18	-1.60	0.0403	0.2441
19	-2.20	0.0186	0.0845	19	-2.20	0.0014	0.0052	19	-1.40	0.0423	0.2864
20	-2.10	0.0222	0.1066	20	-2.10	0.0015	0.0067	20	-1.20	0.0379	0.3243
21	-2.00	0.0254	0.1320	21	-2.00	0.0022	0.0090	21	-1.00	0.0427	0.3670
22	-1.90	0.0294	0.1614	22	-1.90	0.0039	0.0129	22	-0.80	0.0355	0.4025
23	-1.80	0.0290	0.1904	23	-1.80	0.0038	0.0167	23	-0.60	0.0355	0.4381
24	-1.70	0.0287	0.2191	24	-1.70	0.0047	0.0214	24	-0.40	0.0367	0.4747
25	-1.60	0.0255	0.2446	25	-1.60	0.0063	0.0277	25	-0.20	0.0363	0.5110
26	-1.50	0.0222	0.2668	26	-1.50	0.0078	0.0355	26	0.	0.0376	0.5486
27	-1.40	0.0241	0.2909	27	-1.40	0.0085	0.0439	27	0.20	0.0353	0.5839
28	-1.30	0.0193	0.3103	28	-1.30	0.0088	0.0527	28	0.40	0.0374	0.6213
29	-1.20	0.0202	0.3304	29	-1.20	0.0108	0.0635	29	0.60	0.0401	0.6614
30	-1.10	0.0187	0.3491	30	-1.10	0.0120	0.0756	30	0.80	0.0407	0.7021
31	-1.00	0.0175	0.3666	31	-1.00	0.0166	0.0922	31	1.00	0.0417	0.7438
32	-0.90	0.0177	0.3843	32	-0.90	0.0200	0.1121	32	1.20	0.0413	0.7851
33	-0.80	0.0166	0.4009	33	-0.80	0.0280	0.1401	33	1.40	0.0358	0.8209
34	-0.70	0.0171	0.4180	34	-0.70	0.0313	0.1714	34	1.60	0.0343	0.8553
35	-0.60	0.0168	0.4348	35	-0.60	0.0355	0.2069	35	1.80	0.0308	0.8860
36	-0.50	0.0168	0.4516	36	-0.50	0.0405	0.2474	36	2.00	0.0233	0.9093
37	-0.40	0.0170	0.4686	37	-0.40	0.0468	0.2942	37	2.20	0.0215	0.9308
38	-0.30	0.0157	0.4842	38	-0.30	0.0553	0.3495	38	2.40	0.0180	0.9488
39	-0.20	0.0154	0.4996	39	-0.20	0.0619	0.4114	39	2.60	0.0139	0.9628
40	-0.10	0.0158	0.5154	40	-0.10	0.0653	0.4767	40	2.80	0.0113	0.9740
41	0.	0.0164	0.5318	41	0.	0.0685	0.5452	41	3.00	0.0088	0.9828
42	0.10	0.0176	0.5494	42	0.10	0.0674	0.6127	42	3.20	0.0061	0.9889
43	0.20	0.0181	0.5675	43	0.20	0.0619	0.6747	43	3.40	0.0040	0.9929
44	0.30	0.0173	0.5847	44	0.30	0.0551	0.7298	44	3.60	0.0031	0.9960
45	0.40	0.0171	0.6019	45	0.40	0.0516	0.7814	45	3.80	0.0018	0.9978
46	0.50	0.0168	0.6187	46	0.50	0.0382	0.8196	46	4.00	0.0008	0.9986
47	0.60	0.0190	0.6377	47	0.60	0.0308	0.8503	47	4.20	0.0006	0.9992
48	0.70	0.0202	0.6579	48	0.70	0.0266	0.8769	48	4.40	0.0004	0.9996
49	0.80	0.0205	0.6783	49	0.80	0.0224	0.8993	49	4.60	0.0001	0.9996
50	0.90	0.0240	0.7023	50	0.90	0.0216	0.9209	50	4.80	0.0002	0.9998
51	1.00	0.0237	0.7260	51	1.00	0.0165	0.9375	51	5.00	0.0002	0.9999
52	1.10	0.0262	0.7522	52	1.10	0.0135	0.9509	52	5.20	0.0001	1.0000
53	1.20	0.0277	0.7799	53	1.20	0.0111	0.9620	53	5.40	0.	1.0000
54	1.30	0.0238	0.8037	54	1.30	0.0058	0.9678	54	5.60	0.	1.0000
55	1.40	0.0240	0.8277	55	1.40	0.0056	0.9734	55	5.80	0.	1.0000
56	1.50	0.0188	0.8466	56	1.50	0.0046	0.9780	56	6.00	0.	1.0000
57	1.60	0.0212	0.8678	57	1.60	0.0040	0.9821	57	6.20	0.	1.0000
58	1.70	0.0158	0.8835	58	1.70	0.0044	0.9865	58	6.40	0.	1.0000
59	1.80	0.0161	0.8996	59	1.80	0.0031	0.9895	59	6.60	0.	1.0000
60	1.90	0.0127	0.9123	60	1.90	0.0025	0.9921	60	6.80	0.	1.0000
61	2.00	0.0115	0.9238	61	2.00	0.0025	0.9945	61	7.00	0.	1.0000
62	2.10	0.0096	0.9333	62	2.10	0.0015	0.9960				
63	2.20	0.0105	0.9440	63	2.20	0.0010	0.9970				
64	2.30	0.0097	0.9537	64	2.30	0.0011	0.9981				
65	2.40	0.0092	0.9629	65	2.40	0.0005	0.9986				
66	2.50	0.0070	0.9699	66	2.50	0.0003	0.9990				
67	2.60	0.0067	0.9766	67	2.60	0.0002	0.9992				
68	2.70	0.0041	0.9807	68	2.70	0.0002	0.9993				
69	2.80	0.0043	0.9849	69	2.80	0.0002	0.9996				
70	2.90	0.0042	0.9891	70	2.90	0.0001	0.9996				
71	3.00	0.0028	0.9919	71	3.00	0.0002	0.9998				
72	3.10	0.0028	0.9947	72	3.10	0.0001	0.9998				
73	3.20	0.0019	0.9966	73	3.20	0.0001	0.9999				
74	3.30	0.0020	0.9987	74	3.30	0.	0.9999				
75	3.40	0.0008	0.9995	75	3.40	0.	0.9999				
76	3.50	0.0004	0.9998	76	3.50	0.0001	1.0000				
77	3.60	0.0002	1.0000	77	3.60	0.	1.0000				
78	3.70	0.	1.0000	78	3.70	0.	1.0000				
79	3.80	0.	1.0000	79	3.80	0.	1.0000				
80	3.90	0.	1.0000	80	3.90	0.	1.0000				
81	4.00	0.	1.0000	81	4.00	0.	1.0000				

I - INTERVAL NUMBER X - INTERVAL CENTER VALUE

P(X) - PROBABILITY MASS FUNCTION F(X) - CUMULATIVE DISTRIBUTION FUNCTION

HAMPTON ROADS VA.

YEARLY STATISTICS

ASTPONOMICAL TIDE MEAN 0.00 STND DEV 0.93				STORM SURGE MEAN-0.01 STND DEV 0.54				TOTAL WATER LEVEL MEAN-0.01 STND DEV 1.05			
I	X	P(X)	F(X)	I	X	P(X)	F(X)	I	X	P(X)	F(X)
1	-4.00	0.	0.	1	-4.00	0.	0.	1	-6.00	0.	0.
2	-3.90	0.	0.	2	-3.90	0.	0.	2	-5.80	0.	0.
3	-3.80	0.	0.	3	-3.80	0.	0.	3	-5.60	0.	0.
4	-3.70	0.	0.	4	-3.70	0.	0.	4	-5.40	0.	0.
5	-3.60	0.	0.	5	-3.60	0.	0.	5	-5.20	0.	0.
6	-3.50	0.	0.	6	-3.50	0.	0.	6	-5.00	0.	0.
7	-3.40	0.	0.	7	-3.40	0.0000	0.0000	7	-4.80	0.	0.
8	-3.30	0.	0.	8	-3.30	0.	0.0000	8	-4.60	0.	0.
9	-3.20	0.	0.	9	-3.20	0.0000	0.0000	9	-4.40	0.0000	0.0000
10	-3.10	0.	0.	10	-3.10	0.0000	0.0000	10	-4.20	0.0000	0.0000
11	-3.00	0.	0.	11	-3.00	0.0000	0.0001	11	-4.00	0.0000	0.0001
12	-2.90	0.	0.	12	-2.90	0.0000	0.0001	12	-3.80	0.0001	0.0002
13	-2.80	0.	0.	13	-2.80	0.0000	0.0001	13	-3.60	0.0001	0.0003
14	-2.70	0.	0.	14	-2.70	0.0000	0.0001	14	-3.40	0.0002	0.0004
15	-2.60	0.	0.	15	-2.60	0.0000	0.0002	15	-3.20	0.0003	0.0007
16	-2.50	0.	0.	16	-2.50	0.0001	0.0002	16	-3.00	0.0007	0.0013
17	-2.40	0.	0.	17	-2.40	0.0002	0.0004	17	-2.80	0.0011	0.0025
18	-2.30	0.	0.	18	-2.30	0.0002	0.0005	18	-2.60	0.0018	0.0043
19	-2.20	0.	0.	19	-2.20	0.0002	0.0007	19	-2.40	0.0035	0.0078
20	-2.10	0.0002	0.0002	20	-2.10	0.0002	0.0010	20	-2.20	0.0062	0.0140
21	-2.00	0.0008	0.0009	21	-2.00	0.0004	0.0013	21	-2.00	0.0109	0.0249
22	-1.90	0.0019	0.0029	22	-1.90	0.0006	0.0019	22	-1.80	0.0185	0.0434
23	-1.80	0.0036	0.0064	23	-1.80	0.0005	0.0025	23	-1.60	0.0288	0.0722
24	-1.70	0.0058	0.0122	24	-1.70	0.0006	0.0031	24	-1.40	0.0413	0.1135
25	-1.60	0.0099	0.0221	25	-1.60	0.0011	0.0042	25	-1.20	0.0535	0.1670
26	-1.50	0.0158	0.0379	26	-1.50	0.0016	0.0058	26	-1.00	0.0618	0.2288
27	-1.40	0.0215	0.0593	27	-1.40	0.0021	0.0078	27	-0.80	0.0635	0.2923
28	-1.30	0.0279	0.0873	28	-1.30	0.0031	0.0109	28	-0.60	0.0626	0.3549
29	-1.20	0.0337	0.1209	29	-1.20	0.0047	0.0156	29	-0.40	0.0610	0.4159
30	-1.10	0.0377	0.1586	30	-1.10	0.0067	0.0223	30	-0.20	0.0609	0.4768
31	-1.00	0.0404	0.1991	31	-1.00	0.0096	0.0319	31	0.	0.0598	0.5366
32	-0.90	0.0392	0.2383	32	-0.90	0.0130	0.0448	32	0.20	0.0591	0.5956
33	-0.80	0.0385	0.2768	33	-0.80	0.0177	0.0625	33	0.40	0.0613	0.6569
34	-0.70	0.0355	0.3123	34	-0.70	0.0253	0.0878	34	0.60	0.0627	0.7197
35	-0.60	0.0335	0.3458	35	-0.60	0.0355	0.1233	35	0.80	0.0622	0.7819
36	-0.50	0.0311	0.3769	36	-0.50	0.0475	0.1707	36	1.00	0.0585	0.8404
37	-0.40	0.0292	0.4061	37	-0.40	0.0638	0.2346	37	1.20	0.0504	0.8907
38	-0.30	0.0281	0.4342	38	-0.30	0.0776	0.3122	38	1.40	0.0382	0.9290
39	-0.20	0.0274	0.4616	39	-0.20	0.0872	0.3994	39	1.60	0.0271	0.9561
40	-0.10	0.0274	0.4890	40	-0.10	0.0912	0.4906	40	1.80	0.0175	0.9736
41	0.	0.0266	0.5156	41	0.	0.0910	0.5816	41	2.00	0.0106	0.9842
42	0.10	0.0278	0.5434	42	0.10	0.0834	0.6650	42	2.20	0.0063	0.9904
43	0.20	0.0276	0.5709	43	0.20	0.0703	0.7353	43	2.40	0.0039	0.9944
44	0.30	0.0287	0.5997	44	0.30	0.0576	0.7929	44	2.60	0.0023	0.9967
45	0.40	0.0304	0.6301	45	0.40	0.0449	0.8377	45	2.80	0.0012	0.9979
46	0.50	0.0324	0.6625	46	0.50	0.0360	0.8738	46	3.00	0.0007	0.9986
47	0.60	0.0336	0.6961	47	0.60	0.0281	0.9019	47	3.20	0.0005	0.9991
48	0.70	0.0366	0.7327	48	0.70	0.0219	0.9238	48	3.40	0.0003	0.9994
49	0.80	0.0381	0.7708	49	0.80	0.0177	0.9414	49	3.60	0.0002	0.9996
50	0.90	0.0379	0.8087	50	0.90	0.0146	0.9561	50	3.80	0.0002	0.9997
51	1.00	0.0349	0.8436	51	1.00	0.0108	0.9669	51	4.00	0.0001	0.9998
52	1.10	0.0320	0.8756	52	1.10	0.0052	0.9751	52	4.20	0.0000	0.9999
53	1.20	0.0281	0.9037	53	1.20	0.0061	0.9812	53	4.40	0.0000	0.9999
54	1.30	0.0238	0.9275	54	1.30	0.0041	0.9853	54	4.60	0.0000	0.9999
55	1.40	0.0204	0.9478	55	1.40	0.0031	0.9884	55	4.80	0.0000	0.9999
56	1.50	0.0166	0.9644	56	1.50	0.0024	0.9909	56	5.00	0.0000	0.9999
57	1.60	0.0127	0.9771	57	1.60	0.0018	0.9926	57	5.20	0.0000	0.9999
58	1.70	0.0088	0.9859	58	1.70	0.0013	0.9940	58	5.40	0.0000	1.0000
59	1.80	0.0058	0.9917	59	1.80	0.0012	0.9952	59	5.60	0.0000	1.0000
60	1.90	0.0039	0.9956	60	1.90	0.0010	0.9962	60	5.80	0.	1.0000
61	2.00	0.0024	0.9980	61	2.00	0.0007	0.9969	61	6.00	0.0000	1.0000
62	2.10	0.0012	0.9992	62	2.10	0.0007	0.9975				
63	2.20	0.0005	0.9998	63	2.20	0.0004	0.9980				
64	2.30	0.0002	1.0000	64	2.30	0.0003	0.9982				
65	2.40	0.0000	1.0000	65	2.40	0.0002	0.9984				
66	2.50	0.	1.0000	66	2.50	0.0003	0.9987				
67	2.60	0.	1.0000	67	2.60	0.0002	0.9989				
68	2.70	0.	1.0000	68	2.70	0.0002	0.9991				
69	2.80	0.	1.0000	69	2.80	0.0001	0.9992				
70	2.90	0.	1.0000	70	2.90	0.0001	0.9993				
71	3.00	0.	1.0000	71	3.00	0.0001	0.9995				
72	3.10	0.	1.0000	72	3.10	0.0001	0.9995				
73	3.20	0.	1.0000	73	3.20	0.0001	0.9996				
74	3.30	0.	1.0000	74	3.30	0.0001	0.9996				
75	3.40	0.	1.0000	75	3.40	0.0001	0.9997				
76	3.50	0.	1.0000	76	3.50	0.0001	0.9997				
77	3.60	0.	1.0000	77	3.60	0.0000	0.9998				
78	3.70	0.	1.0000	78	3.70	0.0001	0.9998				
79	3.80	0.	1.0000	79	3.80	0.0001	0.9999				
80	3.90	0.	1.0000	80	3.90	0.0000	0.9999				
81	4.00	0.	1.0000	81	4.00	0.	0.9999				

I - INTERVAL NUMBER X - INTERVAL CENTER VALUE

P(X) - PROBABILITY MASS FUNCTION F(X) - CUMULATIVE DISTRIBUTION FUNCTION

HAMPTON ROADS VA.

STATISTICS FOR JANUARY

ASTRONOMICAL TIDE				STORM SURGE				TOTAL WATER LEVEL			
MEAN-0.27		STND DEV 0.92		MEAN 0.01		STND DEV 0.68		MEAN-0.26		STND DEV 1.11	
I	X	P(X)	F(X)	I	X	P(X)	F(X)	I	X	P(X)	F(X)
1	-4.00	0.	0.	1	-4.00	0.	0.	1	-6.00	0.	0.
2	-3.90	0.	0.	2	-3.90	0.	0.	2	-5.80	0.	0.
3	-3.80	0.	0.	3	-3.80	0.	0.	3	-5.60	0.	0.
4	-3.70	0.	0.	4	-3.70	0.	0.	4	-5.40	0.	0.
5	-3.60	0.	0.	5	-3.60	0.	0.	5	-5.20	0.	0.
6	-3.50	0.	0.	6	-3.50	0.	0.	6	-5.00	0.	0.
7	-3.40	0.	0.	7	-3.40	0.0001	0.0001	7	-4.80	0.	0.
8	-3.30	0.	0.	8	-3.30	0.	0.0001	8	-4.60	0.	0.
9	-3.20	0.	0.	9	-3.20	0.0001	0.0002	9	-4.40	0.0001	0.0001
10	-3.10	0.	0.	10	-3.10	0.0001	0.0003	10	-4.20	0.0003	0.0004
11	-3.00	0.	0.	11	-3.00	0.0005	0.0008	11	-4.00	0.0004	0.0008
12	-2.90	0.	0.	12	-2.90	0.0002	0.0010	12	-3.80	0.0005	0.0013
13	-2.80	0.	0.	13	-2.80	0.0001	0.0011	13	-3.60	0.0007	0.0020
14	-2.70	0.	0.	14	-2.70	0.0005	0.0016	14	-3.40	0.0004	0.0024
15	-2.60	0.	0.	15	-2.60	0.0001	0.0017	15	-3.20	0.0010	0.0034
16	-2.50	0.	0.	16	-2.50	0.0004	0.0021	16	-3.00	0.0022	0.0056
17	-2.40	0.	0.	17	-2.40	0.0007	0.0028	17	-2.80	0.0030	0.0086
18	-2.30	0.	0.	18	-2.30	0.0005	0.0032	18	-2.60	0.0061	0.0146
19	-2.20	0.	0.	19	-2.20	0.0005	0.0038	19	-2.40	0.0077	0.0223
20	-2.10	0.0009	0.0009	20	-2.10	0.0011	0.0049	20	-2.20	0.0148	0.0371
21	-2.00	0.0032	0.0041	21	-2.00	0.0011	0.0059	21	-2.00	0.0239	0.0610
22	-1.90	0.0090	0.0131	22	-1.90	0.0011	0.0070	22	-1.80	0.0343	0.0953
23	-1.80	0.0116	0.0247	23	-1.80	0.0011	0.0081	23	-1.60	0.0417	0.1369
24	-1.70	0.0166	0.0413	24	-1.70	0.0013	0.0094	24	-1.40	0.0523	0.1892
25	-1.60	0.0239	0.0651	25	-1.60	0.0027	0.0121	25	-1.20	0.0587	0.2478
26	-1.50	0.0339	0.0990	26	-1.50	0.0034	0.0155	26	-1.00	0.0573	0.3052
27	-1.40	0.0441	0.1431	27	-1.40	0.0032	0.0187	27	-0.80	0.0612	0.3664
28	-1.30	0.0464	0.1895	28	-1.30	0.0055	0.0242	28	-0.60	0.0591	0.4254
29	-1.20	0.0413	0.2308	29	-1.20	0.0078	0.0320	29	-0.40	0.0597	0.4852
30	-1.10	0.0396	0.2704	30	-1.10	0.0095	0.0415	30	-0.20	0.0612	0.5464
31	-1.00	0.0362	0.3065	31	-1.00	0.0157	0.0572	31	0.	0.0656	0.6120
32	-0.90	0.0335	0.3400	32	-0.90	0.0206	0.0778	32	0.20	0.0633	0.6753
33	-0.80	0.0309	0.3709	33	-0.80	0.0260	0.1038	33	0.40	0.0594	0.7347
34	-0.70	0.0274	0.3983	34	-0.70	0.0334	0.1373	34	0.60	0.0591	0.7938
35	-0.60	0.0280	0.4263	35	-0.60	0.0401	0.1774	35	0.80	0.0519	0.8457
36	-0.50	0.0273	0.4536	36	-0.50	0.0448	0.2222	36	1.00	0.0444	0.8901
37	-0.40	0.0284	0.4819	37	-0.40	0.0572	0.2795	37	1.20	0.0334	0.9235
38	-0.30	0.0249	0.5068	38	-0.30	0.0632	0.3427	38	1.40	0.0255	0.9490
39	-0.20	0.0276	0.5345	39	-0.20	0.0707	0.4134	39	1.60	0.0166	0.9656
40	-0.10	0.0257	0.5602	40	-0.10	0.0738	0.4872	40	1.80	0.0113	0.9769
41	0.	0.0288	0.5890	41	0.	0.0666	0.5538	41	2.00	0.0079	0.9848
42	0.10	0.0291	0.6181	42	0.10	0.0637	0.6175	42	2.20	0.0051	0.9899
43	0.20	0.0295	0.6476	43	0.20	0.0611	0.6786	43	2.40	0.0032	0.9931
44	0.30	0.0336	0.6812	44	0.30	0.0508	0.7294	44	2.60	0.0024	0.9956
45	0.40	0.0372	0.7184	45	0.40	0.0475	0.7769	45	2.80	0.0016	0.9971
46	0.50	0.0397	0.7580	46	0.50	0.0420	0.8189	46	3.00	0.0009	0.9980
47	0.60	0.0374	0.7954	47	0.60	0.0314	0.8503	47	3.20	0.0007	0.9986
48	0.70	0.0392	0.8345	48	0.70	0.0260	0.8763	48	3.40	0.0007	0.9993
49	0.80	0.0344	0.8690	49	0.80	0.0222	0.8985	49	3.60	0.0003	0.9997
50	0.90	0.0300	0.8990	50	0.90	0.0209	0.9194	50	3.80	0.0002	0.9999
51	1.00	0.0257	0.9247	51	1.00	0.0170	0.9364	51	4.00	0.0001	1.0000
52	1.10	0.0251	0.9498	52	1.10	0.0118	0.9482	52	4.20	0.	1.0000
53	1.20	0.0182	0.9680	53	1.20	0.0106	0.9587	53	4.40	0.	1.0000
54	1.30	0.0118	0.9798	54	1.30	0.0090	0.9677	54	4.60	0.	1.0000
55	1.40	0.0081	0.9879	55	1.40	0.0077	0.9754	55	4.80	0.	1.0000
56	1.50	0.0054	0.9933	56	1.50	0.0055	0.9809	56	5.00	0.	1.0000
57	1.60	0.0042	0.9975	57	1.60	0.0037	0.9846	57	5.20	0.	1.0000
58	1.70	0.0021	0.9995	58	1.70	0.0023	0.9869	58	5.40	0.	1.0000
59	1.80	0.0005	1.0000	59	1.80	0.0019	0.9888	59	5.60	0.	1.0000
60	1.90	0.	1.0000	60	1.90	0.0013	0.9901	60	5.80	0.	1.0000
61	2.00	0.	1.0000	61	2.00	0.0012	0.9913	61	6.00	0.	1.0000
62	2.10	0.	1.0000	62	2.10	0.0016	0.9928				
63	2.20	0.	1.0000	63	2.20	0.0014	0.9943				
64	2.30	0.	1.0000	64	2.30	0.0011	0.9954				
65	2.40	0.	1.0000	65	2.40	0.0007	0.9960				
66	2.50	0.	1.0000	66	2.50	0.0009	0.9970				
67	2.60	0.	1.0000	67	2.60	0.0005	0.9974				
68	2.70	0.	1.0000	68	2.70	0.0006	0.9980				
69	2.80	0.	1.0000	69	2.80	0.0005	0.9986				
70	2.90	0.	1.0000	70	2.90	0.0003	0.9989				
71	3.00	0.	1.0000	71	3.00	0.0004	0.9993				
72	3.10	0.	1.0000	72	3.10	0.	0.9993				
73	3.20	0.	1.0000	73	3.20	0.0001	0.9994				
74	3.30	0.	1.0000	74	3.30	0.0001	0.9995				
75	3.40	0.	1.0000	75	3.40	0.0001	0.9997				
76	3.50	0.	1.0000	76	3.50	0.0001	0.9998				
77	3.60	0.	1.0000	77	3.60	0.0001	0.9999				
78	3.70	0.	1.0000	78	3.70	0.0001	1.0000				
79	3.80	0.	1.0000	79	3.80	0.	1.0000				
80	3.90	0.	1.0000	80	3.90	0.	1.0000				
81	4.00	0.	1.0000	81	4.00	0.	1.0000				

I - INTERVAL NUMBER X - INTERVAL CENTER VALUE

P(X) - PROBABILITY MASS FUNCTION F(X) - CUMULATIVE DISTRIBUTION FUNCTION

HAMPTON ROADS VA.

STATISTICS FOR FEBRUARY

ASTRONOMICAL TIDE				STORM SURGE				TOTAL WATER LEVEL			
MEAN-0.22 STND DEV 0.92				MEAN-0.06 STND DEV 0.64				MEAN-0.27 STND DEV 1.08			
I	X	P(X)	F(X)	I	X	P(X)	F(X)	I	X	P(X)	F(X)
1	-4.00	0.	0.	1	-4.00	0.	0.	1	-6.00	0.	0.
2	-3.90	0.	0.	2	-3.90	0.	0.	2	-5.80	0.	0.
3	-3.80	0.	0.	3	-3.80	0.	0.	3	-5.60	0.	0.
4	-3.70	0.	0.	4	-3.70	0.	0.	4	-5.40	0.	0.
5	-3.60	0.	0.	5	-3.60	0.	0.	5	-5.20	0.	0.
6	-3.50	0.	0.	6	-3.50	0.	0.	6	-5.00	0.	0.
7	-3.40	0.	0.	7	-3.40	0.	0.	7	-4.80	0.	0.
8	-3.30	0.	0.	8	-3.30	0.	0.	8	-4.60	0.	0.
9	-3.20	0.	0.	9	-3.20	0.	0.	9	-4.40	0.	0.
10	-3.10	0.	0.	10	-3.10	0.	0.	10	-4.20	0.	0.
11	-3.00	0.	0.	11	-3.00	0.	0.	11	-4.00	0.	0.
12	-2.90	0.	0.	12	-2.90	0.	0.	12	-3.80	0.0005	0.0005
13	-2.80	0.	0.	13	-2.80	0.	0.	13	-3.60	0.0004	0.0008
14	-2.70	0.	0.	14	-2.70	0.	0.	14	-3.40	0.0010	0.0019
15	-2.60	0.	0.	15	-2.60	0.0001	0.0001	15	-3.20	0.0010	0.0029
16	-2.50	0.	0.	16	-2.50	0.0003	0.0004	16	-3.00	0.0025	0.0054
17	-2.40	0.	0.	17	-2.40	0.0007	0.0011	17	-2.80	0.0044	0.0098
18	-2.30	0.	0.	18	-2.30	0.0007	0.0018	18	-2.60	0.0061	0.0159
19	-2.20	0.	0.	19	-2.20	0.0007	0.0025	19	-2.40	0.0105	0.0264
20	-2.10	0.0007	0.0007	20	-2.10	0.0005	0.0031	20	-2.20	0.0149	0.0413
21	-2.00	0.0047	0.0054	21	-2.00	0.0011	0.0042	21	-2.00	0.0228	0.0641
22	-1.90	0.0061	0.0115	22	-1.90	0.0026	0.0068	22	-1.80	0.0300	0.0941
23	-1.80	0.0108	0.0224	23	-1.80	0.0028	0.0095	23	-1.60	0.0395	0.1336
24	-1.70	0.0145	0.0369	24	-1.70	0.0027	0.0122	24	-1.40	0.0496	0.1832
25	-1.60	0.0192	0.0561	25	-1.60	0.0038	0.0160	25	-1.20	0.0585	0.2417
26	-1.50	0.0302	0.0864	26	-1.50	0.0051	0.0211	26	-1.00	0.0622	0.3039
27	-1.40	0.0361	0.1225	27	-1.40	0.0080	0.0292	27	-0.80	0.0638	0.3677
28	-1.30	0.0412	0.1636	28	-1.30	0.0105	0.0397	28	-0.60	0.0627	0.4304
29	-1.20	0.0421	0.2058	29	-1.20	0.0123	0.0519	29	-0.40	0.0619	0.4923
30	-1.10	0.0399	0.2457	30	-1.10	0.0154	0.0673	30	-0.20	0.0643	0.5566
31	-1.00	0.0414	0.2870	31	-1.00	0.0210	0.0883	31	0.	0.0617	0.6183
32	-0.90	0.0341	0.3212	32	-0.90	0.0243	0.1127	32	0.20	0.0581	0.6764
33	-0.80	0.0313	0.3524	33	-0.80	0.0269	0.1395	33	0.40	0.0604	0.7368
34	-0.70	0.0314	0.3839	34	-0.70	0.0321	0.1717	34	0.60	0.0581	0.7949
35	-0.60	0.0283	0.4122	35	-0.60	0.0360	0.2077	35	0.80	0.0533	0.8482
36	-0.50	0.0274	0.4396	36	-0.50	0.0395	0.2472	36	1.00	0.0449	0.8932
37	-0.40	0.0266	0.4662	37	-0.40	0.0406	0.2878	37	1.20	0.0371	0.9302
38	-0.30	0.0270	0.4932	38	-0.30	0.0525	0.3403	38	1.40	0.0257	0.9559
39	-0.20	0.0259	0.5191	39	-0.20	0.0612	0.4014	39	1.60	0.0173	0.9732
40	-0.10	0.0287	0.5478	40	-0.10	0.0726	0.4740	40	1.80	0.0109	0.9842
41	0.	0.0261	0.5739	41	0.	0.0807	0.5548	41	2.00	0.0070	0.9912
42	0.10	0.0300	0.6039	42	0.10	0.0752	0.6300	42	2.20	0.0042	0.9953
43	0.20	0.0292	0.6331	43	0.20	0.0659	0.6958	43	2.40	0.0019	0.9972
44	0.30	0.0317	0.6648	44	0.30	0.0603	0.7562	44	2.60	0.0013	0.9986
45	0.40	0.0356	0.7004	45	0.40	0.0513	0.8075	45	2.80	0.0006	0.9992
46	0.50	0.0370	0.7374	46	0.50	0.0388	0.8463	46	3.00	0.0003	0.9995
47	0.60	0.0357	0.7731	47	0.60	0.0330	0.8792	47	3.20	0.0005	0.9999
48	0.70	0.0358	0.8089	48	0.70	0.0277	0.9069	48	3.40	0.0001	1.0000
49	0.80	0.0364	0.8454	49	0.80	0.0234	0.9304	49	3.60	0.	1.0000
50	0.90	0.0358	0.8812	50	0.90	0.0188	0.9491	50	3.80	0.	1.0000
51	1.00	0.0308	0.9120	51	1.00	0.0150	0.9641	51	4.00	0.	1.0000
52	1.10	0.0274	0.9394	52	1.10	0.0123	0.9764	52	4.20	0.	1.0000
53	1.20	0.0212	0.9606	53	1.20	0.0076	0.9840	53	4.40	0.	1.0000
54	1.30	0.0148	0.9753	54	1.30	0.0035	0.9875	54	4.60	0.	1.0000
55	1.40	0.0108	0.9861	55	1.40	0.0034	0.9909	55	4.80	0.	1.0000
56	1.50	0.0077	0.9938	56	1.50	0.0022	0.9931	56	5.00	0.	1.0000
57	1.60	0.0047	0.9985	57	1.60	0.0012	0.9943	57	5.20	0.	1.0000
58	1.70	0.0014	0.9999	58	1.70	0.0013	0.9955	58	5.40	0.	1.0000
59	1.80	0.0001	1.0000	59	1.80	0.0012	0.9967	59	5.60	0.	1.0000
60	1.90	0.	1.0000	60	1.90	0.0016	0.9983	60	5.80	0.	1.0000
61	2.00	0.	1.0000	61	2.00	0.0005	0.9988	61	6.00	0.	1.0000
62	2.10	0.	1.0000	62	2.10	0.0003	0.9991				
63	2.20	0.	1.0000	63	2.20	0.0002	0.9993				
64	2.30	0.	1.0000	64	2.30	0.0003	0.9996				
65	2.40	0.	1.0000	65	2.40	0.0001	0.9997				
66	2.50	0.	1.0000	66	2.50	0.0003	1.0000				
67	2.60	0.	1.0000	67	2.60	0.	1.0000				
68	2.70	0.	1.0000	68	2.70	0.	1.0000				
69	2.80	0.	1.0000	69	2.80	0.	1.0000				
70	2.90	0.	1.0000	70	2.90	0.	1.0000				
71	3.00	0.	1.0000	71	3.00	0.	1.0000				
72	3.10	0.	1.0000	72	3.10	0.	1.0000				
73	3.20	0.	1.0000	73	3.20	0.	1.0000				
74	3.30	0.	1.0000	74	3.30	0.	1.0000				
75	3.40	0.	1.0000	75	3.40	0.	1.0000				
76	3.50	0.	1.0000	76	3.50	0.	1.0000				
77	3.60	0.	1.0000	77	3.60	0.	1.0000				
78	3.70	0.	1.0000	78	3.70	0.	1.0000				
79	3.80	0.	1.0000	79	3.80	0.	1.0000				
80	3.90	0.	1.0000	80	3.90	0.	1.0000				
81	4.00	0.	1.0000	81	4.00	0.	1.0000				

I - INTERVAL NUMBER X - INTERVAL CENTER VALUE

P(X) - PROBABILITY MASS FUNCTION F(X) - CUMULATIVE DISTRIBUTION FUNCTION

HAMPTON ROADS VA.

STATISTICS FOR MARCH

ASTRONOMICAL TIDE				STORM SURGE				TOTAL WATER LEVEL			
MEAN-0.10		STND DEV 0.92		MEAN 0.04		STND DEV 0.64		MEAN-0.06		STND DEV 1.08	
I	X	P(X)	F(X)	I	X	P(X)	F(X)	I	X	P(X)	F(X)
1	-4.00	0.	0.	1	-4.00	0.	0.	1	-6.00	0.	0.
2	-3.90	0.	0.	2	-3.90	0.	0.	2	-5.80	0.	0.
3	-3.80	0.	0.	3	-3.80	0.	0.	3	-5.60	0.	0.
4	-3.70	0.	0.	4	-3.70	0.	0.	4	-5.40	0.	0.
5	-3.60	0.	0.	5	-3.60	0.	0.	5	-5.20	0.	0.
6	-3.50	0.	0.	6	-3.50	0.	0.	6	-5.00	0.	0.
7	-3.40	0.	0.	7	-3.40	0.	0.	7	-4.80	0.	0.
8	-3.30	0.	0.	8	-3.30	0.	0.	8	-4.60	0.	0.
9	-3.20	0.	0.	9	-3.20	0.	0.	9	-4.40	0.	0.
10	-3.10	0.	0.	10	-3.10	0.	0.	10	-4.20	0.	0.
11	-3.00	0.	0.	11	-3.00	0.	0.	11	-4.00	0.	0.
12	-2.90	0.	0.	12	-2.90	0.	0.	12	-3.80	0.	0.
13	-2.80	0.	0.	13	-2.80	0.	0.	13	-3.60	0.	0.
14	-2.70	0.	0.	14	-2.70	0.	0.	14	-3.40	0.0001	0.0001
15	-2.60	0.	0.	15	-2.60	0.	0.	15	-3.20	0.0002	0.0003
16	-2.50	0.	0.	16	-2.50	0.	0.	16	-3.00	0.0007	0.0011
17	-2.40	0.	0.	17	-2.40	0.	0.	17	-2.80	0.0016	0.0026
18	-2.30	0.	0.	18	-2.30	0.0001	0.0001	18	-2.60	0.0021	0.0047
19	-2.20	0.	0.	19	-2.20	0.0001	0.0002	19	-2.40	0.0058	0.0105
20	-2.10	0.	0.	20	-2.10	0.0005	0.0007	20	-2.20	0.0091	0.0196
21	-2.00	0.0009	0.0009	21	-2.00	0.0013	0.0020	21	-2.00	0.0124	0.0320
22	-1.90	0.0037	0.0046	22	-1.90	0.0011	0.0031	22	-1.80	0.0231	0.0551
23	-1.80	0.0063	0.0109	23	-1.80	0.0014	0.0044	23	-1.60	0.0304	0.0855
24	-1.70	0.0081	0.0190	24	-1.70	0.0011	0.0055	24	-1.40	0.0438	0.1293
25	-1.60	0.0134	0.0323	25	-1.60	0.0021	0.0076	25	-1.20	0.0544	0.1837
26	-1.50	0.0190	0.0513	26	-1.50	0.0034	0.0110	26	-1.00	0.0611	0.2448
27	-1.40	0.0273	0.0786	27	-1.40	0.0036	0.0146	27	-0.80	0.0623	0.3070
28	-1.30	0.0369	0.1155	28	-1.30	0.0052	0.0198	28	-0.60	0.0624	0.3695
29	-1.20	0.0398	0.1552	29	-1.20	0.0073	0.0271	29	-0.40	0.0628	0.4323
30	-1.10	0.0420	0.1972	30	-1.10	0.0092	0.0363	30	-0.20	0.0622	0.4944
31	-1.00	0.0432	0.2404	31	-1.00	0.0139	0.0502	31	0.	0.0601	0.5545
32	-0.90	0.0391	0.2795	32	-0.90	0.0172	0.0673	32	0.20	0.0595	0.6140
33	-0.80	0.0362	0.3157	33	-0.80	0.0213	0.0886	33	0.40	0.0612	0.6751
34	-0.70	0.0322	0.3479	34	-0.70	0.0255	0.1141	34	0.60	0.0603	0.7354
35	-0.60	0.0322	0.3801	35	-0.60	0.0274	0.1415	35	0.80	0.0609	0.7963
36	-0.50	0.0275	0.4075	36	-0.50	0.0359	0.1774	36	1.00	0.0527	0.8490
37	-0.40	0.0270	0.4346	37	-0.40	0.0507	0.2282	37	1.20	0.0460	0.8950
38	-0.30	0.0275	0.4621	38	-0.30	0.0626	0.2908	38	1.40	0.0358	0.9308
39	-0.20	0.0267	0.4888	39	-0.20	0.0688	0.3596	39	1.60	0.0263	0.9571
40	-0.10	0.0266	0.5154	40	-0.10	0.0789	0.4384	40	1.80	0.0159	0.9729
41	0.	0.0267	0.5421	41	0.	0.0785	0.5169	41	2.00	0.0103	0.9832
42	0.10	0.0288	0.5709	42	0.10	0.0767	0.5937	42	2.20	0.0060	0.9892
43	0.20	0.0268	0.5977	43	0.20	0.0725	0.6662	43	2.40	0.0034	0.9926
44	0.30	0.0294	0.6271	44	0.30	0.0685	0.7347	44	2.60	0.0016	0.9941
45	0.40	0.0313	0.6584	45	0.40	0.0553	0.7900	45	2.80	0.0013	0.9954
46	0.50	0.0363	0.6947	46	0.50	0.0458	0.8357	46	3.00	0.0010	0.9964
47	0.60	0.0354	0.7301	47	0.60	0.0339	0.8697	47	3.20	0.0006	0.9970
48	0.70	0.0356	0.7657	48	0.70	0.0281	0.8978	48	3.40	0.0003	0.9973
49	0.80	0.0381	0.8038	49	0.80	0.0245	0.9222	49	3.60	0.0006	0.9979
50	0.90	0.0368	0.8406	50	0.90	0.0184	0.9406	50	3.80	0.0005	0.9984
51	1.00	0.0350	0.8756	51	1.00	0.0140	0.9546	51	4.00	0.0004	0.9988
52	1.10	0.0357	0.9112	52	1.10	0.0106	0.9652	52	4.20	0.0001	0.9989
53	1.20	0.0294	0.9406	53	1.20	0.0067	0.9719	53	4.40	0.0001	0.9990
54	1.30	0.0213	0.9619	54	1.30	0.0050	0.9769	54	4.60	0.0003	0.9993
55	1.40	0.0142	0.9760	55	1.40	0.0040	0.9809	55	4.80	0.0001	0.9994
56	1.50	0.0096	0.9856	56	1.50	0.0037	0.9846	56	5.00	0.	0.9994
57	1.60	0.0073	0.9929	57	1.60	0.0026	0.9872	57	5.20	0.0001	0.9995
58	1.70	0.0038	0.9968	58	1.70	0.0019	0.9892	58	5.40	0.0002	0.9997
59	1.80	0.0023	0.9990	59	1.80	0.0016	0.9907	59	5.60	0.0001	0.9998
60	1.90	0.0009	0.9999	60	1.90	0.0011	0.9918	60	5.80	0.	0.9998
61	2.00	0.0001	1.0000	61	2.00	0.0014	0.9932	61	6.00	0.0001	0.9999
62	2.10	0.	1.0000	62	2.10	0.0011	0.9943				
63	2.20	0.	1.0000	63	2.20	0.0004	0.9948				
64	2.30	0.	1.0000	64	2.30	0.0002	0.9950				
65	2.40	0.	1.0000	65	2.40	0.0002	0.9952				
66	2.50	0.	1.0000	66	2.50	0.0002	0.9954				
67	2.60	0.	1.0000	67	2.60	0.0002	0.9956				
68	2.70	0.	1.0000	68	2.70	0.0006	0.9962				
69	2.80	0.	1.0000	69	2.80	0.0001	0.9963				
70	2.90	0.	1.0000	70	2.90	0.0001	0.9965				
71	3.00	0.	1.0000	71	3.00	0.0006	0.9970				
72	3.10	0.	1.0000	72	3.10	0.0001	0.9971				
73	3.20	0.	1.0000	73	3.20	0.0001	0.9972				
74	3.30	0.	1.0000	74	3.30	0.0001	0.9974				
75	3.40	0.	1.0000	75	3.40	0.0001	0.9975				
76	3.50	0.	1.0000	76	3.50	0.0003	0.9977				
77	3.60	0.	1.0000	77	3.60	0.0001	0.9978				
78	3.70	0.	1.0000	78	3.70	0.0003	0.9981				
79	3.80	0.	1.0000	79	3.80	0.0005	0.9986				
80	3.90	0.	1.0000	80	3.90	0.0001	0.9986				
81	4.00	0.	1.0000	81	4.00	0.	0.9986				

I - INTERVAL NUMBER X - INTERVAL CENTER VALUE

P(X) - PROBABILITY MASS FUNCTION F(X) - CUMULATIVE DISTRIBUTION FUNCTION

HAMPTON ROADS VA.

STATISTICS FOR APRIL

ASTRONOMICAL TIDE

MEAN-0.02 STND DEV 0.91

I	X	P(X)	F(X)
1	-4.00	0.	0.
2	-3.90	0.	0.
3	-3.80	0.	0.
4	-3.70	0.	0.
5	-3.60	0.	0.
6	-3.50	0.	0.
7	-3.40	0.	0.
8	-3.30	0.	0.
9	-3.20	0.	0.
10	-3.10	0.	0.
11	-3.00	0.	0.
12	-2.90	0.	0.
13	-2.80	0.	0.
14	-2.70	0.	0.
15	-2.60	0.	0.
16	-2.50	0.	0.
17	-2.40	0.	0.
18	-2.30	0.	0.
19	-2.20	0.	0.
20	-2.10	0.	0.
21	-2.00	0.0001	0.0001
22	-1.90	0.0010	0.0010
23	-1.80	0.0035	0.0045
24	-1.70	0.0067	0.0113
25	-1.60	0.0094	0.0207
26	-1.50	0.0130	0.0337
27	-1.40	0.0206	0.0543
28	-1.30	0.0285	0.0828
29	-1.20	0.0354	0.1182
30	-1.10	0.0420	0.1602
31	-1.00	0.0442	0.2044
32	-0.90	0.0425	0.2469
33	-0.80	0.0419	0.2887
34	-0.70	0.0337	0.3224
35	-0.60	0.0316	0.3540
36	-0.50	0.0296	0.3836
37	-0.40	0.0288	0.4124
38	-0.30	0.0261	0.4385
39	-0.20	0.0287	0.4673
40	-0.10	0.0262	0.4935
41	0.	0.0261	0.5196
42	0.10	0.0279	0.5474
43	0.20	0.0258	0.5733
44	0.30	0.0306	0.6038
45	0.40	0.0285	0.6323
46	0.50	0.0305	0.6628
47	0.60	0.0347	0.6975
48	0.70	0.0374	0.7349
49	0.80	0.0406	0.7755
50	0.90	0.0401	0.8156
51	1.00	0.0400	0.8556
52	1.10	0.0356	0.8912
53	1.20	0.0302	0.9214
54	1.30	0.0237	0.9450
55	1.40	0.0186	0.9637
56	1.50	0.0129	0.9766
57	1.60	0.0086	0.9852
58	1.70	0.0055	0.9907
59	1.80	0.0045	0.9952
60	1.90	0.0025	0.9977
61	2.00	0.0021	0.9997
62	2.10	0.0003	1.0000
63	2.20	0.	1.0000
64	2.30	0.	1.0000
65	2.40	0.	1.0000
66	2.50	0.	1.0000
67	2.60	0.	1.0000
68	2.70	0.	1.0000
69	2.80	0.	1.0000
70	2.90	0.	1.0000
71	3.00	0.	1.0000
72	3.10	0.	1.0000
73	3.20	0.	1.0000
74	3.30	0.	1.0000
75	3.40	0.	1.0000
76	3.50	0.	1.0000
77	3.60	0.	1.0000
78	3.70	0.	1.0000
79	3.80	0.	1.0000
80	3.90	0.	1.0000
81	4.00	0.	1.0000

STORM SURGE

MEAN-0.03 STND DEV 0.53

I	X	P(X)	F(X)
1	-4.00	0.	0.
2	-3.90	0.	0.
3	-3.80	0.	0.
4	-3.70	0.	0.
5	-3.60	0.	0.
6	-3.50	0.	0.
7	-3.40	0.	0.
8	-3.30	0.	0.
9	-3.20	0.	0.
10	-3.10	0.	0.
11	-3.00	0.	0.
12	-2.90	0.	0.
13	-2.80	0.	0.
14	-2.70	0.	0.
15	-2.60	0.	0.
16	-2.50	0.	0.
17	-2.40	0.	0.
18	-2.30	0.	0.
19	-2.20	0.	0.
20	-2.10	0.	0.
21	-2.00	0.	0.
22	-1.90	0.0001	0.0001
23	-1.80	0.0002	0.0003
24	-1.70	0.0001	0.0004
25	-1.60	0.0002	0.0006
26	-1.50	0.0002	0.0008
27	-1.40	0.0011	0.0019
28	-1.30	0.0013	0.0032
29	-1.20	0.0034	0.0067
30	-1.10	0.0053	0.0120
31	-1.00	0.0102	0.0222
32	-0.90	0.0153	0.0374
33	-0.80	0.0243	0.0618
34	-0.70	0.0386	0.1004
35	-0.60	0.0480	0.1484
36	-0.50	0.0567	0.2051
37	-0.40	0.0760	0.2811
38	-0.30	0.0797	0.3608
39	-0.20	0.0877	0.4485
40	-0.10	0.0786	0.5271
41	0.	0.0720	0.5991
42	0.10	0.0692	0.6682
43	0.20	0.0608	0.7290
44	0.30	0.0561	0.7850
45	0.40	0.0458	0.8309
46	0.50	0.0387	0.8695
47	0.60	0.0333	0.9028
48	0.70	0.0235	0.9262
49	0.80	0.0192	0.9455
50	0.90	0.0166	0.9621
51	1.00	0.0125	0.9746
52	1.10	0.0107	0.9852
53	1.20	0.0057	0.9909
54	1.30	0.0023	0.9932
55	1.40	0.0010	0.9942
56	1.50	0.0009	0.9950
57	1.60	0.0004	0.9955
58	1.70	0.0002	0.9957
59	1.80	0.0003	0.9960
60	1.90	0.0007	0.9967
61	2.00	0.0004	0.9971
62	2.10	0.0004	0.9975
63	2.20	0.0004	0.9979
64	2.30	0.0002	0.9980
65	2.40	0.0002	0.9982
66	2.50	0.0002	0.9983
67	2.60	0.0002	0.9985
68	2.70	0.	0.9985
69	2.80	0.0001	0.9986
70	2.90	0.0001	0.9987
71	3.00	0.0002	0.9988
72	3.10	0.	0.9988
73	3.20	0.0001	0.9989
74	3.30	0.0001	0.9990
75	3.40	0.0002	0.9991
76	3.50	0.0001	0.9992
77	3.60	0.0002	0.9994
78	3.70	0.0004	0.9998
79	3.80	0.0002	0.9999
80	3.90	0.0001	1.0000
81	4.00	0.	1.0000

TOTAL WATER LEVEL

MEAN-0.05 STND DEV 1.03

I	X	P(X)	F(X)
1	-6.00	0.	0.
2	-5.80	0.	0.
3	-5.60	0.	0.
4	-5.40	0.	0.
5	-5.20	0.	0.
6	-5.00	0.	0.
7	-4.80	0.	0.
8	-4.60	0.	0.
9	-4.40	0.	0.
10	-4.20	0.	0.
11	-4.00	0.	0.
12	-3.80	0.	0.
13	-3.60	0.	0.
14	-3.40	0.	0.
15	-3.20	0.	0.
16	-3.00	0.	0.
17	-2.80	0.	0.
18	-2.60	0.0014	0.0014
19	-2.40	0.0020	0.0034
20	-2.20	0.0069	0.0103
21	-2.00	0.0136	0.0239
22	-1.80	0.0223	0.0462
23	-1.60	0.0322	0.0784
24	-1.40	0.0441	0.1225
25	-1.20	0.0514	0.1739
26	-1.00	0.0641	0.2380
27	-0.80	0.0640	0.3020
28	-0.60	0.0616	0.3636
29	-0.40	0.0619	0.4255
30	-0.20	0.0613	0.4868
31	0.	0.0625	0.5493
32	0.20	0.0618	0.6111
33	0.40	0.0637	0.6749
34	0.60	0.0678	0.7426
35	0.80	0.0633	0.8059
36	1.00	0.0536	0.8595
37	1.20	0.0442	0.9037
38	1.40	0.0324	0.9360
39	1.60	0.0227	0.9587
40	1.80	0.0168	0.9755
41	2.00	0.0100	0.9855
42	2.20	0.0059	0.9914
43	2.40	0.0042	0.9955
44	2.60	0.0018	0.9974
45	2.80	0.0011	0.9985
46	3.00	0.0004	0.9989
47	3.20	0.0004	0.9993
48	3.40	0.0001	0.9993
49	3.60	0.0002	0.9996
50	3.80	0.	0.9996
51	4.00	0.	0.9996
52	4.20	0.0001	0.9996
53	4.40	0.0001	0.9997
54	4.60	0.	0.9997
55	4.80	0.	0.9997
56	5.00	0.0002	0.9998
57	5.20	0.	0.9998
58	5.40	0.0002	1.0000
59	5.60	0.	1.0000
60	5.80	0.	1.0000
61	6.00	0.	1.0000

I - INTERVAL NUMBER X - INTERVAL CENTER VALUE

P(X) - PROBABILITY MASS FUNCTION F(X) - CUMULATIVE DISTRIBUTION FUNCTION

HAMPTON ROADS VA.

STATISTICS FOR MAY

ASTRONOMICAL TIDE				STORM SURGE				TOTAL WATER LEVEL			
MEAN -0.01		STND DEV 0.91		MEAN 0.04		STND DEV 0.45		MEAN 0.03		STND DEV 1.00	
I	X	P(X)	F(X)	I	X	P(X)	F(X)	I	X	P(X)	F(X)
1	-4.00	0.	0.	1	-4.00	0.	0.	1	-6.00	0.	0.
2	-3.90	0.	0.	2	-3.90	0.	0.	2	-5.80	0.	0.
3	-3.80	0.	0.	3	-3.80	0.	0.	3	-5.60	0.	0.
4	-3.70	0.	0.	4	-3.70	0.	0.	4	-5.40	0.	0.
5	-3.60	0.	0.	5	-3.60	0.	0.	5	-5.20	0.	0.
6	-3.50	0.	0.	6	-3.50	0.	0.	6	-5.00	0.	0.
7	-3.40	0.	0.	7	-3.40	0.	0.	7	-4.80	0.	0.
8	-3.30	0.	0.	8	-3.30	0.	0.	8	-4.60	0.	0.
9	-3.20	0.	0.	9	-3.20	0.	0.	9	-4.40	0.	0.
10	-3.10	0.	0.	10	-3.10	0.	0.	10	-4.20	0.	0.
11	-3.00	0.	0.	11	-3.00	0.	0.	11	-4.00	0.	0.
12	-2.90	0.	0.	12	-2.90	0.	0.	12	-3.80	0.	0.
13	-2.80	0.	0.	13	-2.80	0.	0.	13	-3.60	0.	0.
14	-2.70	0.	0.	14	-2.70	0.	0.	14	-3.40	0.	0.
15	-2.60	0.	0.	15	-2.60	0.	0.	15	-3.20	0.	0.
16	-2.50	0.	0.	16	-2.50	0.	0.	16	-3.00	0.	0.
17	-2.40	0.	0.	17	-2.40	0.	0.	17	-2.80	0.0002	0.0002
18	-2.30	0.	0.	18	-2.30	0.	0.	18	-2.60	0.0001	0.0003
19	-2.20	0.	0.	19	-2.20	0.	0.	19	-2.40	0.0014	0.0018
20	-2.10	0.	0.	20	-2.10	0.	0.	20	-2.20	0.0032	0.0049
21	-2.00	0.	0.	21	-2.00	0.	0.	21	-2.00	0.0069	0.0118
22	-1.90	0.	0.	22	-1.90	0.	0.	22	-1.80	0.0159	0.0277
23	-1.80	0.0018	0.0018	23	-1.80	0.	0.	23	-1.60	0.0259	0.0536
24	-1.70	0.0044	0.0062	24	-1.70	0.	0.	24	-1.40	0.0434	0.0969
25	-1.60	0.0097	0.0159	25	-1.60	0.	0.	25	-1.20	0.0541	0.1510
26	-1.50	0.0139	0.0298	26	-1.50	0.	0.	26	-1.00	0.0642	0.2152
27	-1.40	0.0176	0.0474	27	-1.40	0.0005	0.0005	27	-0.80	0.0631	0.2782
28	-1.30	0.0288	0.0761	28	-1.30	0.0006	0.0012	28	-0.60	0.0633	0.3415
29	-1.20	0.0412	0.1173	29	-1.20	0.0007	0.0019	29	-0.40	0.0597	0.4012
30	-1.10	0.0438	0.1611	30	-1.10	0.0016	0.0035	30	-0.20	0.0598	0.4610
31	-1.00	0.0442	0.2052	31	-1.00	0.0031	0.0066	31	0.	0.0568	0.5178
32	-0.90	0.0430	0.2483	32	-0.90	0.0069	0.0135	32	0.20	0.0564	0.5742
33	-0.80	0.0397	0.2879	33	-0.80	0.0111	0.0246	33	0.40	0.0642	0.6384
34	-0.70	0.0346	0.3225	34	-0.70	0.0148	0.0394	34	0.60	0.0671	0.7054
35	-0.60	0.0310	0.3535	35	-0.60	0.0285	0.0679	35	0.80	0.0704	0.7758
36	-0.50	0.0294	0.3829	36	-0.50	0.0419	0.1097	36	1.00	0.0666	0.8424
37	-0.40	0.0284	0.4113	37	-0.40	0.0588	0.1686	37	1.20	0.0526	0.8950
38	-0.30	0.0270	0.4382	38	-0.30	0.0735	0.2420	38	1.40	0.0382	0.9332
39	-0.20	0.0266	0.4649	39	-0.20	0.0856	0.3257	39	1.60	0.0303	0.9635
40	-0.10	0.0273	0.4921	40	-0.10	0.0992	0.4279	40	1.80	0.0178	0.9814
41	0.	0.0270	0.5191	41	0.	0.1078	0.5357	41	2.00	0.0083	0.9897
42	0.10	0.0273	0.5464	42	0.10	0.1052	0.6408	42	2.20	0.0038	0.9935
43	0.20	0.0261	0.5726	43	0.20	0.0904	0.7312	43	2.40	0.0025	0.9960
44	0.30	0.0274	0.6000	44	0.30	0.0727	0.8038	44	2.60	0.0021	0.9980
45	0.40	0.0303	0.6303	45	0.40	0.0515	0.8553	45	2.80	0.0003	0.9984
46	0.50	0.0304	0.6608	46	0.50	0.0389	0.8942	46	3.00	0.0003	0.9987
47	0.60	0.0339	0.6946	47	0.60	0.0286	0.9228	47	3.20	0.0007	0.9995
48	0.70	0.0378	0.7325	48	0.70	0.0208	0.9436	48	3.40	0.0001	0.9996
49	0.80	0.0442	0.7767	49	0.80	0.0127	0.9563	49	3.60	0.0001	0.9997
50	0.90	0.0453	0.8220	50	0.90	0.0124	0.9687	50	3.80	0.0002	0.9999
51	1.00	0.0394	0.8614	51	1.00	0.0066	0.9754	51	4.00	0.0001	1.0000
52	1.10	0.0327	0.8941	52	1.10	0.0048	0.9802	52	4.20	0.	1.0000
53	1.20	0.0278	0.9218	53	1.20	0.0037	0.9839	53	4.40	0.	1.0000
54	1.30	0.0188	0.9407	54	1.30	0.0037	0.9876	54	4.60	0.	1.0000
55	1.40	0.0177	0.9583	55	1.40	0.0030	0.9906	55	4.80	0.	1.0000
56	1.50	0.0128	0.9712	56	1.50	0.0025	0.9930	56	5.00	0.	1.0000
57	1.60	0.0091	0.9802	57	1.60	0.0015	0.9945	57	5.20	0.	1.0000
58	1.70	0.0069	0.9872	58	1.70	0.0014	0.9959	58	5.40	0.	1.0000
59	1.80	0.0059	0.9930	59	1.80	0.0011	0.9970	59	5.60	0.	1.0000
60	1.90	0.0040	0.9970	60	1.90	0.0007	0.9977	60	5.80	0.	1.0000
61	2.00	0.0022	0.9993	61	2.00	0.0003	0.9980	61	6.00	0.	1.0000
62	2.10	0.0007	1.0000	62	2.10	0.0001	0.9982				
63	2.20	0.	1.0000	63	2.20	0.0001	0.9983				
64	2.30	0.	1.0000	64	2.30	0.0001	0.9985				
65	2.40	0.	1.0000	65	2.40	0.0001	0.9985				
66	2.50	0.	1.0000	66	2.50	0.0003	0.9988				
67	2.60	0.	1.0000	67	2.60	0.0003	0.9990				
68	2.70	0.	1.0000	68	2.70	0.0001	0.9992				
69	2.80	0.	1.0000	69	2.80	0.0003	0.9995				
70	2.90	0.	1.0000	70	2.90	0.0003	0.9997				
71	3.00	0.	1.0000	71	3.00	0.0001	0.9999				
72	3.10	0.	1.0000	72	3.10	0.0001	1.0000				
73	3.20	0.	1.0000	73	3.20	0.	1.0000				
74	3.30	0.	1.0000	74	3.30	0.	1.0000				
75	3.40	0.	1.0000	75	3.40	0.	1.0000				
76	3.50	0.	1.0000	76	3.50	0.	1.0000				
77	3.60	0.	1.0000	77	3.60	0.	1.0000				
78	3.70	0.	1.0000	78	3.70	0.	1.0000				
79	3.80	0.	1.0000	79	3.80	0.	1.0000				
80	3.90	0.	1.0000	80	3.90	0.	1.0000				
81	4.00	0.	1.0000	81	4.00	0.	1.0000				

I - INTERVAL NUMBER X - INTERVAL CENTER VALUE

P(X) - PROBABILITY MASS FUNCTION F(X) - CUMULATIVE DISTRIBUTION FUNCTION

HAMPTON ROADS VA.

STATISTICS FOR JUNE

ASTRONOMICAL TIDE

MEAN-0.02 STND DEV 0.91

I	X	P(X)	F(X)
1	-4.00	0.	0.
2	-3.90	0.	0.
3	-3.80	0.	0.
4	-3.70	0.	0.
5	-3.60	0.	0.
6	-3.50	0.	0.
7	-3.40	0.	0.
8	-3.30	0.	0.
9	-3.20	0.	0.
10	-3.10	0.	0.
11	-3.00	0.	0.
12	-2.90	0.	0.
13	-2.80	0.	0.
14	-2.70	0.	0.
15	-2.60	0.	0.
16	-2.50	0.	0.
17	-2.40	0.	0.
18	-2.30	0.	0.
19	-2.20	0.	0.
20	-2.10	0.	0.
21	-2.00	0.	0.
22	-1.90	0.	0.
23	-1.80	0.0007	0.0007
24	-1.70	0.0038	0.0045
25	-1.60	0.0074	0.0119
26	-1.50	0.0132	0.0251
27	-1.40	0.0206	0.0457
28	-1.30	0.0290	0.0747
29	-1.20	0.0451	0.1198
30	-1.10	0.0458	0.1656
31	-1.00	0.0453	0.2109
32	-0.90	0.0434	0.2543
33	-0.80	0.0380	0.2923
34	-0.70	0.0333	0.3256
35	-0.60	0.0304	0.3560
36	-0.50	0.0299	0.3858
37	-0.40	0.0281	0.4140
38	-0.30	0.0265	0.4405
39	-0.20	0.0281	0.4686
40	-0.10	0.0258	0.4944
41	0.	0.0260	0.5204
42	0.10	0.0260	0.5464
43	0.20	0.0288	0.5752
44	0.30	0.0285	0.6037
45	0.40	0.0274	0.6311
46	0.50	0.0319	0.6631
47	0.60	0.0335	0.6965
48	0.70	0.0410	0.7376
49	0.80	0.0411	0.7787
50	0.90	0.0449	0.8236
51	1.00	0.0382	0.8618
52	1.10	0.0299	0.8917
53	1.20	0.0260	0.9177
54	1.30	0.0215	0.9392
55	1.40	0.0197	0.9589
56	1.50	0.0128	0.9717
57	1.60	0.0097	0.9813
58	1.70	0.0072	0.9885
59	1.80	0.0056	0.9941
60	1.90	0.0035	0.9976
61	2.00	0.0023	0.9999
62	2.10	0.0001	1.0000
63	2.20	0.	1.0000
64	2.30	0.	1.0000
65	2.40	0.	1.0000
66	2.50	0.	1.0000
67	2.60	0.	1.0000
68	2.70	0.	1.0000
69	2.80	0.	1.0000
70	2.90	0.	1.0000
71	3.00	0.	1.0000
72	3.10	0.	1.0000
73	3.20	0.	1.0000
74	3.30	0.	1.0000
75	3.40	0.	1.0000
76	3.50	0.	1.0000
77	3.60	0.	1.0000
78	3.70	0.	1.0000
79	3.80	0.	1.0000
80	3.90	0.	1.0000
81	4.00	0.	1.0000

STORM SURGE

MEAN 0.06 STND DEV 0.36

I	X	P(X)	F(X)
1	-4.00	0.	0.
2	-3.90	0.	0.
3	-3.80	0.	0.
4	-3.70	0.	0.
5	-3.60	0.	0.
6	-3.50	0.	0.
7	-3.40	0.	0.
8	-3.30	0.	0.
9	-3.20	0.	0.
10	-3.10	0.	0.
11	-3.00	0.	0.
12	-2.90	0.	0.
13	-2.80	0.	0.
14	-2.70	0.	0.
15	-2.60	0.	0.
16	-2.50	0.	0.
17	-2.40	0.	0.
18	-2.30	0.	0.
19	-2.20	0.	0.
20	-2.10	0.	0.
21	-2.00	0.	0.
22	-1.90	0.	0.
23	-1.80	0.	0.
24	-1.70	0.	0.
25	-1.60	0.	0.
26	-1.50	0.	0.
27	-1.40	0.	0.
28	-1.30	0.	0.
29	-1.20	0.	0.
30	-1.10	0.0005	0.0005
31	-1.00	0.0007	0.0012
32	-0.90	0.0015	0.0027
33	-0.80	0.0037	0.0063
34	-0.70	0.0064	0.0128
35	-0.60	0.0115	0.0243
36	-0.50	0.0257	0.0500
37	-0.40	0.0500	0.1001
38	-0.30	0.0750	0.1750
39	-0.20	0.0924	0.2675
40	-0.10	0.1144	0.3819
41	0.	0.1306	0.5125
42	0.10	0.1359	0.6484
43	0.20	0.1091	0.7575
44	0.30	0.0745	0.8320
45	0.40	0.0492	0.8812
46	0.50	0.0359	0.9171
47	0.60	0.0255	0.9426
48	0.70	0.0162	0.9587
49	0.80	0.0115	0.9702
50	0.90	0.0088	0.9790
51	1.00	0.0057	0.9847
52	1.10	0.0030	0.9878
53	1.20	0.0021	0.9898
54	1.30	0.0033	0.9932
55	1.40	0.0022	0.9954
56	1.50	0.0014	0.9968
57	1.60	0.0008	0.9976
58	1.70	0.0004	0.9980
59	1.80	0.0009	0.9989
60	1.90	0.0009	0.9999
61	2.00	0.0001	1.0000
62	2.10	0.	1.0000
63	2.20	0.	1.0000
64	2.30	0.	1.0000
65	2.40	0.	1.0000
66	2.50	0.	1.0000
67	2.60	0.	1.0000
68	2.70	0.	1.0000
69	2.80	0.	1.0000
70	2.90	0.	1.0000
71	3.00	0.	1.0000
72	3.10	0.	1.0000
73	3.20	0.	1.0000
74	3.30	0.	1.0000
75	3.40	0.	1.0000
76	3.50	0.	1.0000
77	3.60	0.	1.0000
78	3.70	0.	1.0000
79	3.80	0.	1.0000
80	3.90	0.	1.0000
81	4.00	0.	1.0000

TOTAL WATER LEVEL

MEAN 0.05 STND DEV 0.97

I	X	P(X)	F(X)
1	-6.00	0.	0.
2	-5.80	0.	0.
3	-5.60	0.	0.
4	-5.40	0.	0.
5	-5.20	0.	0.
6	-5.00	0.	0.
7	-4.80	0.	0.
8	-4.60	0.	0.
9	-4.40	0.	0.
10	-4.20	0.	0.
11	-4.00	0.	0.
12	-3.80	0.	0.
13	-3.60	0.	0.
14	-3.40	0.	0.
15	-3.20	0.	0.
16	-3.00	0.	0.
17	-2.80	0.	0.
18	-2.60	0.0001	0.0001
19	-2.40	0.0003	0.0004
20	-2.20	0.0008	0.0012
21	-2.00	0.0031	0.0043
22	-1.80	0.0104	0.0148
23	-1.60	0.0226	0.0373
24	-1.40	0.0390	0.0763
25	-1.20	0.0590	0.1353
26	-1.00	0.0738	0.2091
27	-0.80	0.0689	0.2780
28	-0.60	0.0637	0.3417
29	-0.40	0.0601	0.4018
30	-0.20	0.0568	0.4606
31	0.	0.0549	0.5155
32	0.20	0.0561	0.5716
33	0.40	0.0597	0.6313
34	0.60	0.0686	0.6999
35	0.80	0.0669	0.7668
36	1.00	0.0699	0.8367
37	1.20	0.0632	0.8998
38	1.40	0.0448	0.9446
39	1.60	0.0255	0.9701
40	1.80	0.0146	0.9847
41	2.00	0.0059	0.9906
42	2.20	0.0042	0.9947
43	2.40	0.0027	0.9974
44	2.60	0.0014	0.9989
45	2.80	0.0009	0.9997
46	3.00	0.0003	1.0000
47	3.20	0.	1.0000
48	3.40	0.	1.0000
49	3.60	0.	1.0000
50	3.80	0.	1.0000
51	4.00	0.	1.0000
52	4.20	0.	1.0000
53	4.40	0.	1.0000
54	4.60	0.	1.0000
55	4.80	0.	1.0000
56	5.00	0.	1.0000
57	5.20	0.	1.0000
58	5.40	0.	1.0000
59	5.60	0.	1.0000
60	5.80	0.	1.0000
61	6.00	0.	1.0000

I - INTERVAL NUMBER X - INTERVAL CENTER VALUE

P(X) - PROBABILITY MASS FUNCTION F(X) - CUMULATIVE DISTRIBUTION FUNCTION

HAMPTON ROADS VA.

STATISTICS FOR JULY

ASTRONOMICAL TIDE				STORM SURGE				TOTAL WATER LEVEL			
MEAN 0.05		STND DEV 0.92		MEAN-0.11		STND DEV 0.32		MEAN-0.05		STND DEV 0.97	
I	X	P(X)	F(X)	I	X	P(X)	F(X)	I	X	P(X)	F(X)
1	-4.00	0.	0.	1	-4.00	0.	0.	1	-6.00	0.	0.
2	-3.90	0.	0.	2	-3.90	0.	0.	2	-5.80	0.	0.
3	-3.80	0.	0.	3	-3.80	0.	0.	3	-5.60	0.	0.
4	-3.70	0.	0.	4	-3.70	0.	0.	4	-5.40	0.	0.
5	-3.60	0.	0.	5	-3.60	0.	0.	5	-5.20	0.	0.
6	-3.50	0.	0.	6	-3.50	0.	0.	6	-5.00	0.	0.
7	-3.40	0.	0.	7	-3.40	0.	0.	7	-4.80	0.	0.
8	-3.30	0.	0.	8	-3.30	0.	0.	8	-4.60	0.	0.
9	-3.20	0.	0.	9	-3.20	0.	0.	9	-4.40	0.	0.
10	-3.10	0.	0.	10	-3.10	0.	0.	10	-4.20	0.	0.
11	-3.00	0.	0.	11	-3.00	0.	0.	11	-4.00	0.	0.
12	-2.90	0.	0.	12	-2.90	0.	0.	12	-3.80	0.	0.
13	-2.80	0.	0.	13	-2.80	0.	0.	13	-3.60	0.	0.
14	-2.70	0.	0.	14	-2.70	0.	0.	14	-3.40	0.	0.
15	-2.60	0.	0.	15	-2.60	0.	0.	15	-3.20	0.	0.
16	-2.50	0.	0.	16	-2.50	0.	0.	16	-3.00	0.	0.
17	-2.40	0.	0.	17	-2.40	0.	0.	17	-2.80	0.	0.
18	-2.30	0.	0.	18	-2.30	0.	0.	18	-2.60	0.	0.
19	-2.20	0.	0.	19	-2.20	0.	0.	19	-2.40	0.	0.
20	-2.10	0.	0.	20	-2.10	0.	0.	20	-2.20	0.0013	0.0013
21	-2.00	0.	0.	21	-2.00	0.	0.	21	-2.00	0.0048	0.0061
22	-1.90	0.	0.	22	-1.90	0.	0.	22	-1.80	0.0144	0.0205
23	-1.80	0.0002	0.0002	23	-1.80	0.	0.	23	-1.60	0.0340	0.0545
24	-1.70	0.0021	0.0023	24	-1.70	0.	0.	24	-1.40	0.0508	0.1053
25	-1.60	0.0057	0.0080	25	-1.60	0.	0.	25	-1.20	0.0714	0.1767
26	-1.50	0.0117	0.0207	26	-1.50	0.	0.	26	-1.00	0.0709	0.2476
27	-1.40	0.0146	0.0352	27	-1.40	0.	0.	27	-0.80	0.0654	0.3130
28	-1.30	0.0226	0.0579	28	-1.30	0.	0.	28	-0.60	0.0637	0.3767
29	-1.20	0.0340	0.0919	29	-1.20	0.	0.	29	-0.40	0.0562	0.4329
30	-1.10	0.0437	0.1356	30	-1.10	0.0004	0.0004	30	-0.20	0.0552	0.4881
31	-1.00	0.0471	0.1827	31	-1.00	0.0030	0.0033	31	0.	0.0554	0.5436
32	-0.90	0.0424	0.2252	32	-0.90	0.0044	0.0078	32	0.20	0.0596	0.6032
33	-0.80	0.0412	0.2663	33	-0.80	0.0080	0.0157	33	0.40	0.0597	0.6629
34	-0.70	0.0371	0.3035	34	-0.70	0.0178	0.0336	34	0.60	0.0645	0.7274
35	-0.60	0.0320	0.3355	35	-0.60	0.0373	0.0709	35	0.80	0.0708	0.7982
36	-0.50	0.0318	0.3672	36	-0.50	0.0578	0.1286	36	1.00	0.0644	0.8626
37	-0.40	0.0276	0.3948	37	-0.40	0.0809	0.2096	37	1.20	0.0574	0.9200
38	-0.30	0.0281	0.4229	38	-0.30	0.1118	0.3214	38	1.40	0.0363	0.9563
39	-0.20	0.0258	0.4486	39	-0.20	0.1282	0.4496	39	1.60	0.0237	0.9820
40	-0.10	0.0294	0.4781	40	-0.10	0.1420	0.5915	40	1.80	0.0100	0.9920
41	0.	0.0258	0.5039	41	0.	0.1333	0.7249	41	2.00	0.0049	0.9970
42	0.10	0.0267	0.5306	42	0.10	0.1023	0.8271	42	2.20	0.0018	0.9988
43	0.20	0.0259	0.5565	43	0.20	0.0620	0.8891	43	2.40	0.0009	0.9996
44	0.30	0.0282	0.5847	44	0.30	0.0383	0.9273	44	2.60	0.0004	1.0000
45	0.40	0.0292	0.6139	45	0.40	0.0236	0.9509	45	2.80	0.	1.0000
46	0.50	0.0299	0.6438	46	0.50	0.0151	0.9660	46	3.00	0.	1.0000
47	0.60	0.0337	0.6775	47	0.60	0.0095	0.9755	47	3.20	0.	1.0000
48	0.70	0.0370	0.7145	48	0.70	0.0075	0.9830	48	3.40	0.	1.0000
49	0.80	0.0373	0.7518	49	0.80	0.0062	0.9892	49	3.60	0.	1.0000
50	0.90	0.0376	0.7894	50	0.90	0.0041	0.9933	50	3.80	0.	1.0000
51	1.00	0.0371	0.8265	51	1.00	0.0026	0.9959	51	4.00	0.	1.0000
52	1.10	0.0338	0.8603	52	1.10	0.0020	0.9979	52	4.20	0.	1.0000
53	1.20	0.0307	0.8910	53	1.20	0.0013	0.9992	53	4.40	0.	1.0000
54	1.30	0.0268	0.9178	54	1.30	0.0001	0.9994	54	4.60	0.	1.0000
55	1.40	0.0272	0.9450	55	1.40	0.0003	0.9996	55	4.80	0.	1.0000
56	1.50	0.0203	0.9653	56	1.50	0.0003	0.9999	56	5.00	0.	1.0000
57	1.60	0.0151	0.9804	57	1.60	0.0001	1.0000	57	5.20	0.	1.0000
58	1.70	0.0081	0.9885	58	1.70	0.	1.0000	58	5.40	0.	1.0000
59	1.80	0.0054	0.9939	59	1.80	0.	1.0000	59	5.60	0.	1.0000
60	1.90	0.0037	0.9976	60	1.90	0.	1.0000	60	5.80	0.	1.0000
61	2.00	0.0019	0.9995	61	2.00	0.	1.0000	61	6.00	0.	1.0000
62	2.10	0.0005	1.0000	62	2.10	0.	1.0000				
63	2.20	0.	1.0000	63	2.20	0.	1.0000				
64	2.30	0.	1.0000	64	2.30	0.	1.0000				
65	2.40	0.	1.0000	65	2.40	0.	1.0000				
66	2.50	0.	1.0000	66	2.50	0.	1.0000				
67	2.60	0.	1.0000	67	2.60	0.	1.0000				
68	2.70	0.	1.0000	68	2.70	0.	1.0000				
69	2.80	0.	1.0000	69	2.80	0.	1.0000				
70	2.90	0.	1.0000	70	2.90	0.	1.0000				
71	3.00	0.	1.0000	71	3.00	0.	1.0000				
72	3.10	0.	1.0000	72	3.10	0.	1.0000				
73	3.20	0.	1.0000	73	3.20	0.	1.0000				
74	3.30	0.	1.0000	74	3.30	0.	1.0000				
75	3.40	0.	1.0000	75	3.40	0.	1.0000				
76	3.50	0.	1.0000	76	3.50	0.	1.0000				
77	3.60	0.	1.0000	77	3.60	0.	1.0000				
78	3.70	0.	1.0000	78	3.70	0.	1.0000				
79	3.80	0.	1.0000	79	3.80	0.	1.0000				
80	3.90	0.	1.0000	80	3.90	0.	1.0000				
81	4.00	0.	1.0000	81	4.00	0.	1.0000				

I - INTERVAL NUMBER X - INTERVAL CENTER VALUE

P(X) - PROBABILITY MASS FUNCTION F(X) - CUMULATIVE DISTRIBUTION FUNCT^N

HAMPTON ROADS VA.

STATISTICS FOR AUGUST

ASTRONOMICAL TIDE				STORM SURGE				TOTAL WATER LEVEL			
MEAN 0.18		STND DEV 0.92		MEAN-0.11		STND DEV 0.38		MEAN 0.07		STND DEV 0.98	
I	X	P(X)	F(X)	I	X	P(X)	F(X)	I	X	P(X)	F(X)
1	-4.00	0.	0.	1	-4.00	0.	0.	1	-6.00	0.	0.
2	-3.90	0.	0.	2	-3.90	0.	0.	2	-5.80	0.	0.
3	-3.80	0.	0.	3	-3.80	0.	0.	3	-5.60	0.	0.
4	-3.70	0.	0.	4	-3.70	0.	0.	4	-5.40	0.	0.
5	-3.60	0.	0.	5	-3.60	0.	0.	5	-5.20	0.	0.
6	-3.50	0.	0.	6	-3.50	0.	0.	6	-5.00	0.	0.
7	-3.40	0.	0.	7	-3.40	0.	0.	7	-4.80	0.	0.
8	-3.30	0.	0.	8	-3.30	0.	0.	8	-4.60	0.	0.
9	-3.20	0.	0.	9	-3.20	0.	0.	9	-4.40	0.	0.
10	-3.10	0.	0.	10	-3.10	0.	0.	10	-4.20	0.	0.
11	-3.00	0.	0.	11	-3.00	0.	0.	11	-4.00	0.	0.
12	-2.90	0.	0.	12	-2.90	0.	0.	12	-3.80	0.	0.
13	-2.80	0.	0.	13	-2.80	0.	0.	13	-3.60	0.	0.
14	-2.70	0.	0.	14	-2.70	0.	0.	14	-3.40	0.	0.
15	-2.60	0.	0.	15	-2.60	0.	0.	15	-3.20	0.	0.
16	-2.50	0.	0.	16	-2.50	0.	0.	16	-3.00	0.	0.
17	-2.40	0.	0.	17	-2.40	0.	0.	17	-2.80	0.	0.
18	-2.30	0.	0.	18	-2.30	0.	0.	18	-2.60	0.	0.
19	-2.20	0.	0.	19	-2.20	0.	0.	19	-2.40	0.0007	0.0007
20	-2.10	0.	0.	20	-2.10	0.	0.	20	-2.20	0.0012	0.0018
21	-2.00	0.	0.	21	-2.00	0.	0.	21	-2.00	0.0035	0.0054
22	-1.90	0.	0.	22	-1.90	0.	0.	22	-1.80	0.0098	0.0152
23	-1.80	0.	0.	23	-1.80	0.	0.	23	-1.60	0.0222	0.0373
24	-1.70	0.0001	0.0001	24	-1.70	0.	0.	24	-1.40	0.0412	0.0786
25	-1.60	0.0026	0.0027	25	-1.60	0.	0.	25	-1.20	0.0528	0.1313
26	-1.50	0.0069	0.0096	26	-1.50	0.	0.	26	-1.00	0.0701	0.2014
27	-1.40	0.0100	0.0196	27	-1.40	0.	0.	27	-0.80	0.0652	0.2666
28	-1.30	0.0128	0.0323	28	-1.30	0.0002	0.0002	28	-0.60	0.0665	0.3330
29	-1.20	0.0196	0.0519	29	-1.20	0.0005	0.0007	29	-0.40	0.0592	0.3922
30	-1.10	0.0297	0.0816	30	-1.10	0.0006	0.0013	30	-0.20	0.0603	0.4525
31	-1.00	0.0384	0.1200	31	-1.00	0.0024	0.0038	31	0.	0.0546	0.5071
32	-0.90	0.0428	0.1628	32	-0.90	0.0063	0.0101	32	0.20	0.0535	0.5606
33	-0.80	0.0461	0.2089	33	-0.80	0.0113	0.0214	33	0.40	0.0630	0.6236
34	-0.70	0.0407	0.2496	34	-0.70	0.0243	0.0457	34	0.60	0.0645	0.6881
35	-0.60	0.0387	0.2883	35	-0.60	0.0419	0.0876	35	0.80	0.0674	0.7555
36	-0.50	0.0337	0.3220	36	-0.50	0.0685	0.1561	36	1.00	0.0713	0.8267
37	-0.40	0.0313	0.3533	37	-0.40	0.0979	0.2541	37	1.20	0.0620	0.8887
38	-0.30	0.0309	0.3841	38	-0.30	0.1254	0.3794	38	1.40	0.0484	0.9371
39	-0.20	0.0291	0.4132	39	-0.20	0.1386	0.5180	39	1.60	0.0285	0.9656
40	-0.10	0.0274	0.4406	40	-0.10	0.1154	0.6333	40	1.80	0.0158	0.9814
41	0.	0.0246	0.4652	41	0.	0.0961	0.7295	41	2.00	0.0093	0.9907
42	0.10	0.0292	0.4944	42	0.10	0.0769	0.8063	42	2.20	0.0046	0.9953
43	0.20	0.0266	0.5210	43	0.20	0.0537	0.8600	43	2.40	0.0032	0.9985
44	0.30	0.0269	0.5479	44	0.30	0.0371	0.8971	44	2.60	0.0010	0.9995
45	0.40	0.0268	0.5746	45	0.40	0.0247	0.9218	45	2.80	0.0002	0.9996
46	0.50	0.0300	0.6046	46	0.50	0.0189	0.9407	46	3.00	0.0002	0.9998
47	0.60	0.0306	0.6352	47	0.60	0.0164	0.9571	47	3.20	0.0001	0.9998
48	0.70	0.0334	0.6686	48	0.70	0.0107	0.9678	48	3.40	0.0002	1.0000
49	0.80	0.0342	0.7028	49	0.80	0.0087	0.9764	49	3.60	0.	1.0000
50	0.90	0.0366	0.7393	50	0.90	0.0069	0.9833	50	3.80	0.	1.0000
51	1.00	0.0352	0.7745	51	1.00	0.0046	0.9879	51	4.00	0.	1.0000
52	1.10	0.0334	0.8079	52	1.10	0.0043	0.9921	52	4.20	0.	1.0000
53	1.20	0.0337	0.8415	53	1.20	0.0032	0.9954	53	4.40	0.	1.0000
54	1.30	0.0344	0.8759	54	1.30	0.0019	0.9973	54	4.60	0.	1.0000
55	1.40	0.0318	0.9077	55	1.40	0.0010	0.9983	55	4.80	0.	1.0000
56	1.50	0.0298	0.9376	56	1.50	0.0005	0.9988	56	5.00	0.	1.0000
57	1.60	0.0238	0.9614	57	1.60	0.0001	0.9989	57	5.20	0.	1.0000
58	1.70	0.0163	0.9776	58	1.70	0.0002	0.9990	58	5.40	0.	1.0000
59	1.80	0.0095	0.9872	59	1.80	0.0003	0.9993	59	5.60	0.	1.0000
60	1.90	0.0075	0.9947	60	1.90	0.0002	0.9996	60	5.80	0.	1.0000
61	2.00	0.0036	0.9983	61	2.00	0.0002	0.9997	61	6.00	0.	1.0000
62	2.10	0.0016	0.9999	62	2.10	0.0002	0.9999				
63	2.20	0.0001	1.0000	63	2.20	0.	0.9999				
64	2.30	0.	1.0000	64	2.30	0.0001	1.0000				
65	2.40	0.	1.0000	65	2.40	0.	1.0000				
66	2.50	0.	1.0000	66	2.50	0.	1.0000				
67	2.60	0.	1.0000	67	2.60	0.	1.0000				
68	2.70	0.	1.0000	68	2.70	0.	1.0000				
69	2.80	0.	1.0000	69	2.80	0.	1.0000				
70	2.90	0.	1.0000	70	2.90	0.	1.0000				
71	3.00	0.	1.0000	71	3.00	0.	1.0000				
72	3.10	0.	1.0000	72	3.10	0.	1.0000				
73	3.20	0.	1.0000	73	3.20	0.	1.0000				
74	3.30	0.	1.0000	74	3.30	0.	1.0000				
75	3.40	0.	1.0000	75	3.40	0.	1.0000				
76	3.50	0.	1.0000	76	3.50	0.	1.0000				
77	3.60	0.	1.0000	77	3.60	0.	1.0000				
78	3.70	0.	1.0000	78	3.70	0.	1.0000				
79	3.80	0.	1.0000	79	3.80	0.	1.0000				
80	3.90	0.	1.0000	80	3.90	0.	1.0000				
81	4.00	0.	1.0000	81	4.00	0.	1.0000				

I - INTERVAL NUMBER X - INTERVAL CENTER VALUE

P(X) - PROBABILITY MASS FUNCTION F(X) - CUMULATIVE DISTRIBUTION FUNCTION

HAMPTON ROADS VA.

STATISTICS FOR SEPTEMBER

ASTRONOMICAL TIDE				STORM SURGE				TOTAL WATER LEVEL			
MEAN 0.28		STND DEV 0.92		MEAN-0.03		STND DEV 0.44		MEAN 0.26		STND DEV 0.99	
I	X	P(X)	F(X)	I	X	P(X)	F(X)	I	X	P(X)	F(X)
1	-4.00	0.	0.	1	-4.00	0.	0.	1	-6.00	0.	0.
2	-3.90	0.	0.	2	-3.90	0.	0.	2	-5.80	0.	0.
3	-3.80	0.	0.	3	-3.80	0.	0.	3	-5.60	0.	0.
4	-3.70	0.	0.	4	-3.70	0.	0.	4	-5.40	0.	0.
5	-3.60	0.	0.	5	-3.60	0.	0.	5	-5.20	0.	0.
6	-3.50	0.	0.	6	-3.50	0.	0.	6	-5.00	0.	0.
7	-3.40	0.	0.	7	-3.40	0.	0.	7	-4.80	0.	0.
8	-3.30	0.	0.	8	-3.30	0.	0.	8	-4.60	0.	0.
9	-3.20	0.	0.	9	-3.20	0.	0.	9	-4.40	0.	0.
10	-3.10	0.	0.	10	-3.10	0.	0.	10	-4.20	0.	0.
11	-3.00	0.	0.	11	-3.00	0.	0.	11	-4.00	0.	0.
12	-2.90	0.	0.	12	-2.90	0.	0.	12	-3.80	0.	0.
13	-2.80	0.	0.	13	-2.80	0.	0.	13	-3.60	0.	0.
14	-2.70	0.	0.	14	-2.70	0.	0.	14	-3.40	0.	0.
15	-2.60	0.	0.	15	-2.60	0.	0.	15	-3.20	0.	0.
16	-2.50	0.	0.	16	-2.50	0.	0.	16	-3.00	0.	0.
17	-2.40	0.	0.	17	-2.40	0.	0.	17	-2.80	0.	0.
18	-2.30	0.	0.	18	-2.30	0.	0.	18	-2.60	0.	0.
19	-2.20	0.	0.	19	-2.20	0.	0.	19	-2.40	0.	0.
20	-2.10	0.	0.	20	-2.10	0.	0.	20	-2.20	0.0004	0.0004
21	-2.00	0.	0.	21	-2.00	0.	0.	21	-2.00	0.0029	0.0033
22	-1.90	0.	0.	22	-1.90	0.	0.	22	-1.80	0.0059	0.0092
23	-1.80	0.	0.	23	-1.80	0.	0.	23	-1.60	0.0111	0.0203
24	-1.70	0.	0.	24	-1.70	0.	0.	24	-1.40	0.0222	0.0425
25	-1.60	0.0007	0.0007	25	-1.60	0.	0.	25	-1.20	0.0381	0.0806
26	-1.50	0.0044	0.0051	26	-1.50	0.	0.	26	-1.00	0.0587	0.1392
27	-1.40	0.0074	0.0125	27	-1.40	0.0002	0.0002	27	-0.80	0.0692	0.2084
28	-1.30	0.0105	0.0230	28	-1.30	0.0002	0.0004	28	-0.60	0.0644	0.2728
29	-1.20	0.0142	0.0372	29	-1.20	0.0004	0.0008	29	-0.40	0.0645	0.3373
30	-1.10	0.0186	0.0558	30	-1.10	0.0018	0.0026	30	-0.20	0.0591	0.3963
31	-1.00	0.0297	0.0854	31	-1.00	0.0044	0.0070	31	0.	0.0617	0.4580
32	-0.90	0.0344	0.1198	32	-0.90	0.0059	0.0128	32	0.20	0.0545	0.5125
33	-0.80	0.0426	0.1624	33	-0.80	0.0117	0.0245	33	0.40	0.0625	0.5750
34	-0.70	0.0419	0.2043	34	-0.70	0.0238	0.0483	34	0.60	0.0624	0.6375
35	-0.60	0.0438	0.2481	35	-0.60	0.0380	0.0863	35	0.80	0.0615	0.6989
36	-0.50	0.0410	0.2891	36	-0.50	0.0584	0.1447	36	1.00	0.0727	0.7716
37	-0.40	0.0345	0.3236	37	-0.40	0.0804	0.2252	37	1.20	0.0601	0.8317
38	-0.30	0.0335	0.3571	38	-0.30	0.0929	0.3181	38	1.40	0.0546	0.8863
39	-0.20	0.0271	0.3842	39	-0.20	0.0933	0.4113	39	1.60	0.0441	0.9304
40	-0.10	0.0275	0.4117	40	-0.10	0.1020	0.5133	40	1.80	0.0284	0.9587
41	0.	0.0290	0.4407	41	0.	0.1077	0.6210	41	2.00	0.0191	0.9778
42	0.10	0.0273	0.4680	42	0.10	0.0909	0.7119	42	2.20	0.0100	0.9879
43	0.20	0.0271	0.4951	43	0.20	0.0754	0.7874	43	2.40	0.0058	0.9937
44	0.30	0.0258	0.5209	44	0.30	0.0557	0.8431	44	2.60	0.0037	0.9973
45	0.40	0.0283	0.5492	45	0.40	0.0392	0.8822	45	2.80	0.0012	0.9985
46	0.50	0.0273	0.5765	46	0.50	0.0284	0.9106	46	3.00	0.0007	0.9992
47	0.60	0.0279	0.6044	47	0.60	0.0208	0.9315	47	3.20	0.0003	0.9995
48	0.70	0.0316	0.6360	48	0.70	0.0142	0.9456	48	3.40	0.0003	0.9998
49	0.80	0.0326	0.6687	49	0.80	0.0115	0.9572	49	3.60	0.0002	1.0000
50	0.90	0.0374	0.7060	50	0.90	0.0093	0.9665	50	3.80	0.	1.0000
51	1.00	0.0340	0.7400	51	1.00	0.0082	0.9746	51	4.00	0.	1.0000
52	1.10	0.0345	0.7745	52	1.10	0.0078	0.9824	52	4.20	0.	1.0000
53	1.20	0.0358	0.8103	53	1.20	0.0063	0.9887	53	4.40	0.	1.0000
54	1.30	0.0329	0.8431	54	1.30	0.0030	0.9917	54	4.60	0.	1.0000
55	1.40	0.0360	0.8792	55	1.40	0.0021	0.9938	55	4.80	0.	1.0000
56	1.50	0.0346	0.9138	56	1.50	0.0014	0.9952	56	5.00	0.	1.0000
57	1.60	0.0275	0.9412	57	1.60	0.0009	0.9962	57	5.20	0.	1.0000
58	1.70	0.0218	0.9631	58	1.70	0.0013	0.9975	58	5.40	0.	1.0000
59	1.80	0.0137	0.9767	59	1.80	0.0013	0.9988	59	5.60	0.	1.0000
60	1.90	0.0103	0.9870	60	1.90	0.0005	0.9992	60	5.80	0.	1.0000
61	2.00	0.0065	0.9935	61	2.00	0.0005	0.9997	61	6.00	0.	1.0000
62	2.10	0.0037	0.9972	62	2.10	0.0002	0.9998				
63	2.20	0.0021	0.9992	63	2.20	0.0002	1.0000				
64	2.30	0.0007	0.9999	64	2.30	0.	1.0000				
65	2.40	0.0001	1.0000	65	2.40	0.	1.0000				
66	2.50	0.	1.0000	66	2.50	0.	1.0000				
67	2.60	0.	1.0000	67	2.60	0.	1.0000				
68	2.70	0.	1.0000	68	2.70	0.	1.0000				
69	2.80	0.	1.0000	69	2.80	0.	1.0000				
70	2.90	0.	1.0000	70	2.90	0.	1.0000				
71	3.00	0.	1.0000	71	3.00	0.	1.0000				
72	3.10	0.	1.0000	72	3.10	0.	1.0000				
73	3.20	0.	1.0000	73	3.20	0.	1.0000				
74	3.30	0.	1.0000	74	3.30	0.	1.0000				
75	3.40	0.	1.0000	75	3.40	0.	1.0000				
76	3.50	0.	1.0000	76	3.50	0.	1.0000				
77	3.60	0.	1.0000	77	3.60	0.	1.0000				
78	3.70	0.	1.0000	78	3.70	0.	1.0000				
79	3.80	0.	1.0000	79	3.80	0.	1.0000				
80	3.90	0.	1.0000	80	3.90	0.	1.0000				
81	4.00	0.	1.0000	81	4.00	0.	1.0000				

I - INTERVAL NUMBER X - INTERVAL CENTER VALUE

P(X) - PROBABILITY MASS FUNCTION F(X) - CUMULATIVE DISTRIBUTION FUNCTION

HAMPTON ROADS VA.

STATISTICS FOR OCTOBER

ASTRONOMICAL TIDE				STORM SURGE				TOTAL WATER LEVEL			
MEAN 0.23		STND DEV 0.92		MEAN 0.08		STND DEV 0.63		MEAN 0.31		STND DEV 1.08	
I	X	P(X)	F(X)	I	X	P(X)	F(X)	I	X	P(X)	F(X)
1	-4.00	0.	0.	1	-4.00	0.	0.	1	-6.00	0.	0.
2	-3.90	0.	0.	2	-3.90	0.	0.	2	-5.80	0.	0.
3	-3.80	0.	0.	3	-3.80	0.	0.	3	-5.60	0.	0.
4	-3.70	0.	0.	4	-3.70	0.	0.	4	-5.40	0.	0.
5	-3.60	0.	0.	5	-3.60	0.	0.	5	-5.20	0.	0.
6	-3.50	0.	0.	6	-3.50	0.	0.	6	-5.00	0.	0.
7	-3.40	0.	0.	7	-3.40	0.	0.	7	-4.80	0.	0.
8	-3.30	0.	0.	8	-3.30	0.	0.	8	-4.60	0.	0.
9	-3.20	0.	0.	9	-3.20	0.	0.	9	-4.40	0.	0.
10	-3.10	0.	0.	10	-3.10	0.	0.	10	-4.20	0.	0.
11	-3.00	0.	0.	11	-3.00	0.	0.	11	-4.00	0.	0.
12	-2.90	0.	0.	12	-2.90	0.	0.	12	-3.80	0.	0.
13	-2.80	0.	0.	13	-2.80	0.	0.	13	-3.60	0.0001	0.0001
14	-2.70	0.	0.	14	-2.70	0.	0.	14	-3.40	0.0001	0.0002
15	-2.60	0.	0.	15	-2.60	0.0001	0.0001	15	-3.20	0.0001	0.0003
16	-2.50	0.	0.	16	-2.50	0.0002	0.0003	16	-3.00	0.0003	0.0006
17	-2.40	0.	0.	17	-2.40	0.0003	0.0006	17	-2.80	0.0004	0.0010
18	-2.30	0.	0.	18	-2.30	0.0003	0.0009	18	-2.60	0.0005	0.0015
19	-2.20	0.	0.	19	-2.20	0.0003	0.0013	19	-2.40	0.0010	0.0025
20	-2.10	0.	0.	20	-2.10	0.0003	0.0016	20	-2.20	0.0017	0.0042
21	-2.00	0.	0.	21	-2.00	0.0004	0.0021	21	-2.00	0.0038	0.0079
22	-1.90	0.	0.	22	-1.90	0.0006	0.0027	22	-1.80	0.0080	0.0159
23	-1.80	0.	0.	23	-1.80	0.0004	0.0031	23	-1.60	0.0175	0.0334
24	-1.70	0.	0.	24	-1.70	0.0006	0.0037	24	-1.40	0.0237	0.0571
25	-1.60	0.0018	0.0018	25	-1.60	0.0009	0.0046	25	-1.20	0.0383	0.0954
26	-1.50	0.0054	0.0072	26	-1.50	0.0009	0.0055	26	-1.00	0.0463	0.1417
27	-1.40	0.0094	0.0166	27	-1.40	0.0014	0.0069	27	-0.80	0.0580	0.1997
28	-1.30	0.0128	0.0294	28	-1.30	0.0018	0.0088	28	-0.60	0.0608	0.2605
29	-1.20	0.0162	0.0456	29	-1.20	0.0039	0.0127	29	-0.40	0.0593	0.3198
30	-1.10	0.0251	0.0706	30	-1.10	0.0053	0.0180	30	-0.20	0.0607	0.3805
31	-1.00	0.0329	0.1036	31	-1.00	0.0074	0.0253	31	0.	0.0617	0.4421
32	-0.90	0.0362	0.1397	32	-0.90	0.0095	0.0348	32	0.20	0.0584	0.5005
33	-0.80	0.0426	0.1823	33	-0.80	0.0162	0.0510	33	0.40	0.0573	0.5578
34	-0.70	0.0426	0.2249	34	-0.70	0.0259	0.0769	34	0.60	0.0638	0.6216
35	-0.60	0.0415	0.2663	35	-0.60	0.0412	0.1181	35	0.80	0.0629	0.6845
36	-0.50	0.0409	0.3074	36	-0.50	0.0501	0.1682	36	1.00	0.0626	0.7471
37	-0.40	0.0307	0.3381	37	-0.40	0.0573	0.2255	37	1.20	0.0611	0.8082
38	-0.30	0.0297	0.3678	38	-0.30	0.0751	0.3006	38	1.40	0.0507	0.8589
39	-0.20	0.0312	0.3990	39	-0.20	0.0852	0.3858	39	1.60	0.0416	0.9005
40	-0.10	0.0281	0.4271	40	-0.10	0.0770	0.4629	40	1.80	0.0335	0.9339
41	0.	0.0266	0.4536	41	0.	0.0760	0.5388	41	2.00	0.0202	0.9542
42	0.10	0.0259	0.4795	42	0.10	0.0712	0.6101	42	2.20	0.0156	0.9697
43	0.20	0.0284	0.5079	43	0.20	0.0603	0.6704	43	2.40	0.0103	0.9800
44	0.30	0.0268	0.5347	44	0.30	0.0533	0.7237	44	2.60	0.0071	0.9871
45	0.40	0.0275	0.5622	45	0.40	0.0512	0.7749	45	2.80	0.0040	0.9912
46	0.50	0.0272	0.5894	46	0.50	0.0433	0.8182	46	3.00	0.0034	0.9946
47	0.60	0.0292	0.6186	47	0.60	0.0337	0.8519	47	3.20	0.0018	0.9964
48	0.70	0.0321	0.6507	48	0.70	0.0263	0.8783	48	3.40	0.0014	0.9978
49	0.80	0.0341	0.6848	49	0.80	0.0210	0.8993	49	3.60	0.0009	0.9987
50	0.90	0.0364	0.7212	50	0.90	0.0200	0.9193	50	3.80	0.0006	0.9993
51	1.00	0.0358	0.7570	51	1.00	0.0139	0.9332	51	4.00	0.0002	0.9995
52	1.10	0.0392	0.7962	52	1.10	0.0108	0.9440	52	4.20	0.0002	0.9997
53	1.20	0.0357	0.8319	53	1.20	0.0103	0.9543	53	4.40	0.0002	0.9999
54	1.30	0.0374	0.8692	54	1.30	0.0064	0.9607	54	4.60	0.	0.9999
55	1.40	0.0297	0.8989	55	1.40	0.0059	0.9666	55	4.80	0.0001	1.0000
56	1.50	0.0284	0.9274	56	1.50	0.0052	0.9718	56	5.00	0.	1.0000
57	1.60	0.0216	0.9490	57	1.60	0.0055	0.9772	57	5.20	0.	1.0000
58	1.70	0.0176	0.9666	58	1.70	0.0043	0.9815	58	5.40	0.	1.0000
59	1.80	0.0115	0.9781	59	1.80	0.0033	0.9848	59	5.60	0.	1.0000
60	1.90	0.0078	0.9859	60	1.90	0.0033	0.9880	60	5.80	0.	1.0000
61	2.00	0.0052	0.9911	61	2.00	0.0028	0.9908	61	6.00	0.	1.0000
62	2.10	0.0044	0.9955	62	2.10	0.0027	0.9935				
63	2.20	0.0028	0.9983	63	2.20	0.0017	0.9952				
64	2.30	0.0014	0.9997	64	2.30	0.0007	0.9959				
65	2.40	0.0003	1.0000	65	2.40	0.0006	0.9965				
66	2.50	0.	1.0000	66	2.50	0.0003	0.9968				
67	2.60	0.	1.0000	67	2.60	0.0005	0.9973				
68	2.70	0.	1.0000	68	2.70	0.0005	0.9978				
69	2.80	0.	1.0000	69	2.80	0.0003	0.9982				
70	2.90	0.	1.0000	70	2.90	0.0006	0.9987				
71	3.00	0.	1.0000	71	3.00	0.0002	0.9989				
72	3.10	0.	1.0000	72	3.10	0.0002	0.9992				
73	3.20	0.	1.0000	73	3.20	0.0003	0.9994				
74	3.30	0.	1.0000	74	3.30	0.0003	0.9997				
75	3.40	0.	1.0000	75	3.40	0.0002	0.9999				
76	3.50	0.	1.0000	76	3.50	0.0001	1.0000				
77	3.60	0.	1.0000	77	3.60	0.	1.0000				
78	3.70	0.	1.0000	78	3.70	0.	1.0000				
79	3.80	0.	1.0000	79	3.80	0.	1.0000				
80	3.90	0.	1.0000	80	3.90	0.	1.0000				
81	4.00	0.	1.0000	81	4.00	0.	1.0000				

I - INTERVAL NUMBER X - INTERVAL CENTER VALUE

P(X) - PROBABILITY MASS FUNCTION F(X) - CUMULATIVE DISTRIBUTION FUNCTION

HAMPTON ROADS VA.

STATISTICS FOR NOVEMBER

ASTRONOMICAL TIDE				STORM SURGE				TOTAL WATER LEVEL			
MEAN 0.04		STND DEV 0.92		MEAN 0.04		STND DEV 0.58		MEAN 0.08		STND DEV 1.06	
I	X	P(X)	F(X)	I	X	P(X)	F(X)	I	X	P(X)	F(X)
1	-4.00	0.	0.	1	-4.00	0.	0.	1	-6.00	0.	0.
2	-3.90	0.	0.	2	-3.90	0.	0.	2	-5.80	0.	0.
3	-3.80	0.	0.	3	-3.80	0.	0.	3	-5.60	0.	0.
4	-3.70	0.	0.	4	-3.70	0.	0.	4	-5.40	0.	0.
5	-3.60	0.	0.	5	-3.60	0.	0.	5	-5.20	0.	0.
6	-3.50	0.	0.	6	-3.50	0.	0.	6	-5.00	0.	0.
7	-3.40	0.	0.	7	-3.40	0.	0.	7	-4.80	0.	0.
8	-3.30	0.	0.	8	-3.30	0.	0.	8	-4.60	0.	0.
9	-3.20	0.	0.	9	-3.20	0.	0.	9	-4.40	0.	0.
10	-3.10	0.	0.	10	-3.10	0.	0.	10	-4.20	0.	0.
11	-3.00	0.	0.	11	-3.00	0.	0.	11	-4.00	0.	0.
12	-2.90	0.	0.	12	-2.90	0.	0.	12	-3.80	0.	0.
13	-2.80	0.	0.	13	-2.80	0.	0.	13	-3.60	0.	0.
14	-2.70	0.	0.	14	-2.70	0.	0.	14	-3.40	0.0001	0.0001
15	-2.60	0.	0.	15	-2.60	0.	0.	15	-3.20	0.0001	0.0001
16	-2.50	0.	0.	16	-2.50	0.	0.	16	-3.00	0.0002	0.0003
17	-2.40	0.	0.	17	-2.40	0.	0.	17	-2.80	0.0006	0.0009
18	-2.30	0.	0.	18	-2.30	0.	0.	18	-2.60	0.0010	0.0019
19	-2.20	0.	0.	19	-2.20	0.	0.	19	-2.40	0.0027	0.0046
20	-2.10	0.	0.	20	-2.10	0.0002	0.0002	20	-2.20	0.0057	0.0103
21	-2.00	0.	0.	21	-2.00	0.0001	0.0003	21	-2.00	0.0099	0.0202
22	-1.90	0.0001	0.0001	22	-1.90	0.0001	0.0004	22	-1.80	0.0164	0.0366
23	-1.80	0.0008	0.0009	23	-1.80	0.	0.0004	23	-1.60	0.0244	0.0610
24	-1.70	0.0035	0.0044	24	-1.70	0.0002	0.0006	24	-1.40	0.0350	0.0960
25	-1.60	0.0083	0.0127	25	-1.60	0.0013	0.0019	25	-1.20	0.0463	0.1424
26	-1.50	0.0114	0.0241	26	-1.50	0.0021	0.0041	26	-1.00	0.0580	0.2004
27	-1.40	0.0164	0.0405	27	-1.40	0.0017	0.0058	27	-0.80	0.0600	0.2604
28	-1.30	0.0241	0.0646	28	-1.30	0.0040	0.0098	28	-0.60	0.0631	0.3235
29	-1.20	0.0327	0.0973	29	-1.20	0.0077	0.0175	29	-0.40	0.0639	0.3863
30	-1.10	0.0405	0.1378	30	-1.10	0.0125	0.0300	30	-0.20	0.0635	0.4499
31	-1.00	0.0429	0.1807	31	-1.00	0.0139	0.0439	31	0.	0.0582	0.5081
32	-0.90	0.0425	0.2232	32	-0.90	0.0169	0.0608	32	0.20	0.0649	0.5729
33	-0.80	0.0406	0.2638	33	-0.80	0.0201	0.0809	33	0.40	0.0617	0.6347
34	-0.70	0.0388	0.3026	34	-0.70	0.0276	0.1085	34	0.60	0.0601	0.6948
35	-0.60	0.0338	0.3363	35	-0.60	0.0346	0.1431	35	0.80	0.0643	0.7591
36	-0.50	0.0285	0.3648	36	-0.50	0.0425	0.1856	36	1.00	0.0560	0.8151
37	-0.40	0.0319	0.3967	37	-0.40	0.0573	0.2429	37	1.20	0.0521	0.8672
38	-0.30	0.0272	0.4239	38	-0.30	0.0604	0.3033	38	1.40	0.0395	0.9067
39	-0.20	0.0245	0.4484	39	-0.20	0.0698	0.3731	39	1.60	0.0298	0.9365
40	-0.10	0.0294	0.4779	40	-0.10	0.0717	0.4447	40	1.80	0.0229	0.9594
41	0.	0.0274	0.5053	41	0.	0.0710	0.5157	41	2.00	0.0167	0.9761
42	0.10	0.0272	0.5325	42	0.10	0.0708	0.5865	42	2.20	0.0096	0.9857
43	0.20	0.0261	0.5586	43	0.20	0.0708	0.6574	43	2.40	0.0060	0.9917
44	0.30	0.0260	0.5847	44	0.30	0.0729	0.7303	44	2.60	0.0035	0.9953
45	0.40	0.0303	0.6149	45	0.40	0.0580	0.7883	45	2.80	0.0021	0.9974
46	0.50	0.0327	0.6476	46	0.50	0.0473	0.8356	46	3.00	0.0011	0.9985
47	0.60	0.0303	0.6779	47	0.60	0.0363	0.8718	47	3.20	0.0006	0.9992
48	0.70	0.0349	0.7128	48	0.70	0.0284	0.9002	48	3.40	0.0004	0.9996
49	0.80	0.0442	0.7570	49	0.80	0.0255	0.9257	49	3.60	0.0001	0.9997
50	0.90	0.0402	0.7972	50	0.90	0.0201	0.9458	50	3.80	0.0002	0.9999
51	1.00	0.0409	0.8381	51	1.00	0.0164	0.9622	51	4.00	0.0001	1.0000
52	1.10	0.0345	0.8726	52	1.10	0.0090	0.9712	52	4.20	0.	1.0000
53	1.20	0.0283	0.9010	53	1.20	0.0081	0.9794	53	4.40	0.	1.0000
54	1.30	0.0249	0.9258	54	1.30	0.0047	0.9841	54	4.60	0.	1.0000
55	1.40	0.0185	0.9443	55	1.40	0.0032	0.9873	55	4.80	0.	1.0000
56	1.50	0.0145	0.9588	56	1.50	0.0025	0.9898	56	5.00	0.	1.0000
57	1.60	0.0131	0.9719	57	1.60	0.0020	0.9918	57	5.20	0.	1.0000
58	1.70	0.0086	0.9806	58	1.70	0.0015	0.9933	58	5.40	0.	1.0000
59	1.80	0.0064	0.9869	59	1.80	0.0009	0.9942	59	5.60	0.	1.0000
60	1.90	0.0049	0.9918	60	1.90	0.0008	0.9949	60	5.80	0.	1.0000
61	2.00	0.0040	0.9958	61	2.00	0.0006	0.9956	61	6.00	0.	1.0000
62	2.10	0.0026	0.9983	62	2.10	0.0010	0.9965				
63	2.20	0.0012	0.9995	63	2.20	0.0003	0.9969				
64	2.30	0.0005	1.0000	64	2.30	0.0003	0.9972				
65	2.40	0.	1.0000	65	2.40	0.0005	0.9977				
66	2.50	0.	1.0000	66	2.50	0.0008	0.9985				
67	2.60	0.	1.0000	67	2.60	0.0004	0.9990				
68	2.70	0.	1.0000	68	2.70	0.0003	0.9993				
69	2.80	0.	1.0000	69	2.80	0.0001	0.9994				
70	2.90	0.	1.0000	70	2.90	0.0002	0.9997				
71	3.00	0.	1.0000	71	3.00	0.	0.9997				
72	3.10	0.	1.0000	72	3.10	0.0001	0.9998				
73	3.20	0.	1.0000	73	3.20	0.	0.9998				
74	3.30	0.	1.0000	74	3.30	0.0001	0.9999				
75	3.40	0.	1.0000	75	3.40	0.0001	0.9999				
76	3.50	0.	1.0000	76	3.50	0.	0.9999				
77	3.60	0.	1.0000	77	3.60	0.	0.9999				
78	3.70	0.	1.0000	78	3.70	0.	0.9999				
79	3.80	0.	1.0000	79	3.80	0.	0.9999				
80	3.90	0.	1.0000	80	3.90	0.0001	1.0000				
81	4.00	0.	1.0000	81	4.00	0.	1.0000				

I - INTERVAL NUMBER X - INTERVAL CENTER VALUE

P(X) - PROBABILITY MASS FUNCTION F(X) - CUMULATIVE DISTRIBUTION FUNCTION

HAMPTON ROADS VA.

STATISTICS FOR DECEMBER

ASTRONOMICAL TIDE

MEAN-0.17 STND DEV 0.92

I	X	P(X)	F(X)
1	-4.00	0.	0.
2	-3.90	0.	0.
3	-3.80	0.	0.
4	-3.70	0.	0.
5	-3.60	0.	0.
6	-3.50	0.	0.
7	-3.40	0.	0.
8	-3.30	0.	0.
9	-3.20	0.	0.
10	-3.10	0.	0.
11	-3.00	0.	0.
12	-2.90	0.	0.
13	-2.80	0.	0.
14	-2.70	0.	0.
15	-2.60	0.	0.
16	-2.50	0.	0.
17	-2.40	0.	0.
18	-2.30	0.	0.
19	-2.20	0.	0.
20	-2.10	0.0001	0.0001
21	-2.00	0.0009	0.0010
22	-1.90	0.0034	0.0044
23	-1.80	0.0075	0.0119
24	-1.70	0.0105	0.0224
25	-1.60	0.0161	0.0386
26	-1.50	0.0270	0.0655
27	-1.40	0.0349	0.1005
28	-1.30	0.0432	0.1436
29	-1.20	0.0441	0.1878
30	-1.10	0.0429	0.2307
31	-1.00	0.0407	0.2714
32	-0.90	0.0345	0.3059
33	-0.80	0.0310	0.3369
34	-0.70	0.0318	0.3706
35	-0.60	0.0301	0.4007
36	-0.50	0.0258	0.4265
37	-0.40	0.0264	0.4529
38	-0.30	0.0286	0.4815
39	-0.20	0.0272	0.5087
40	-0.10	0.0271	0.5358
41	0.	0.0243	0.5601
42	0.10	0.0282	0.5884
43	0.20	0.0305	0.6189
44	0.30	0.0301	0.6490
45	0.40	0.0327	0.6817
46	0.50	0.0362	0.7180
47	0.60	0.0414	0.7593
48	0.70	0.0439	0.8032
49	0.80	0.0404	0.8436
50	0.90	0.0335	0.8770
51	1.00	0.0272	0.9043
52	1.10	0.0220	0.9263
53	1.20	0.0192	0.9455
54	1.30	0.0166	0.9622
55	1.40	0.0112	0.9733
56	1.50	0.0089	0.9822
57	1.60	0.0065	0.9888
58	1.70	0.0049	0.9936
59	1.80	0.0036	0.9972
60	1.90	0.0016	0.9989
61	2.00	0.0009	0.9998
62	2.10	0.0002	1.0000
63	2.20	0.	1.0000
64	2.30	0.	1.0000
65	2.40	0.	1.0000
66	2.50	0.	1.0000
67	2.60	0.	1.0000
68	2.70	0.	1.0000
69	2.80	0.	1.0000
70	2.90	0.	1.0000
71	3.00	0.	1.0000
72	3.10	0.	1.0000
73	3.20	0.	1.0000
74	3.30	0.	1.0000
75	3.40	0.	1.0000
76	3.50	0.	1.0000
77	3.60	0.	1.0000
78	3.70	0.	1.0000
79	3.80	0.	1.0000
80	3.90	0.	1.0000
81	4.00	0.	1.0000

STORM SURGE

MEAN-0.06 STND DEV 0.61

I	X	P(X)	F(X)
1	-4.00	0.	0.
2	-3.90	0.	0.
3	-3.80	0.	0.
4	-3.70	0.	0.
5	-3.60	0.	0.
6	-3.50	0.	0.
7	-3.40	0.	0.
8	-3.30	0.	0.
9	-3.20	0.	0.
10	-3.10	0.	0.
11	-3.00	0.	0.
12	-2.90	0.	0.
13	-2.80	0.	0.
14	-2.70	0.	0.
15	-2.60	0.	0.
16	-2.50	0.	0.
17	-2.40	0.	0.
18	-2.30	0.0003	0.0003
19	-2.20	0.0005	0.0008
20	-2.10	0.0002	0.0010
21	-2.00	0.0002	0.0012
22	-1.90	0.0014	0.0026
23	-1.80	0.0007	0.0033
24	-1.70	0.0014	0.0046
25	-1.60	0.0021	0.0067
26	-1.50	0.0038	0.0106
27	-1.40	0.0050	0.0156
28	-1.30	0.0074	0.0230
29	-1.20	0.0117	0.0347
30	-1.10	0.0171	0.0518
31	-1.00	0.0193	0.0711
32	-0.90	0.0257	0.0968
33	-0.80	0.0314	0.1282
34	-0.70	0.0328	0.1610
35	-0.60	0.0418	0.2028
36	-0.50	0.0498	0.2526
37	-0.40	0.0614	0.3141
38	-0.30	0.0637	0.3778
39	-0.20	0.0680	0.4457
40	-0.10	0.0717	0.5174
41	0.	0.0752	0.5926
42	0.10	0.0639	0.6565
43	0.20	0.0610	0.7176
44	0.30	0.0489	0.7664
45	0.40	0.0390	0.8054
46	0.50	0.0370	0.8424
47	0.60	0.0335	0.8758
48	0.70	0.0319	0.9077
49	0.80	0.0247	0.9325
50	0.90	0.0181	0.9505
51	1.00	0.0127	0.9632
52	1.10	0.0112	0.9744
53	1.20	0.0067	0.9812
54	1.30	0.0057	0.9868
55	1.40	0.0033	0.9901
56	1.50	0.0028	0.9928
57	1.60	0.0023	0.9951
58	1.70	0.0011	0.9962
59	1.80	0.0018	0.9981
60	1.90	0.0009	0.9990
61	2.00	0.0001	0.9992
62	2.10	0.0002	0.9994
63	2.20	0.0001	0.9995
64	2.30	0.0001	0.9997
65	2.40	0.0001	0.9997
66	2.50	0.0001	0.9999
67	2.60	0.0001	0.9999
68	2.70	0.0001	1.0000
69	2.80	0.	1.0000
70	2.90	0.	1.0000
71	3.00	0.	1.0000
72	3.10	0.	1.0000
73	3.20	0.	1.0000
74	3.30	0.	1.0000
75	3.40	0.	1.0000
76	3.50	0.	1.0000
77	3.60	0.	1.0000
78	3.70	0.	1.0000
79	3.80	0.	1.0000
80	3.90	0.	1.0000
81	4.00	0.	1.0000

TOTAL WATER LEVEL

MEAN-0.23 STND DEV 1.08

I	X	P(X)	F(X)
1	-6.00	0.	0.
2	-5.80	0.	0.
3	-5.60	0.	0.
4	-5.40	0.	0.
5	-5.20	0.	0.
6	-5.00	0.	0.
7	-4.80	0.	0.
8	-4.60	0.	0.
9	-4.40	0.	0.
10	-4.20	0.	0.
11	-4.00	0.	0.
12	-3.80	0.	0.
13	-3.60	0.0001	0.0001
14	-3.40	0.0002	0.0003
15	-3.20	0.0007	0.0010
16	-3.00	0.0019	0.0029
17	-2.80	0.0031	0.0060
18	-2.60	0.0044	0.0104
19	-2.40	0.0098	0.0201
20	-2.20	0.0139	0.0340
21	-2.00	0.0218	0.0558
22	-1.80	0.0302	0.0860
23	-1.60	0.0423	0.1283
24	-1.40	0.0495	0.1777
25	-1.20	0.0578	0.2355
26	-1.00	0.0554	0.2910
27	-0.80	0.0622	0.3531
28	-0.60	0.0603	0.4134
29	-0.40	0.0643	0.4778
30	-0.20	0.0637	0.5415
31	0.	0.0641	0.6056
32	0.20	0.0618	0.6674
33	0.40	0.0629	0.7302
34	0.60	0.0568	0.7871
35	0.80	0.0532	0.8402
36	1.00	0.0445	0.8847
37	1.20	0.0371	0.9218
38	1.40	0.0269	0.9487
39	1.60	0.0203	0.9690
40	1.80	0.0125	0.9815
41	2.00	0.0082	0.9897
42	2.20	0.0048	0.9944
43	2.40	0.0031	0.9975
44	2.60	0.0014	0.9989
45	2.80	0.0006	0.9995
46	3.00	0.0002	0.9997
47	3.20	0.0001	0.9998
48	3.40	0.0001	0.9999
49	3.60	0.0001	1.0000
50	3.80	0.	1.0000
51	4.00	0.	1.0000
52	4.20	0.	1.0000
53	4.40	0.	1.0000
54	4.60	0.	1.0000
55	4.80	0.	1.0000
56	5.00	0.	1.0000
57	5.20	0.	1.0000
58	5.40	0.	1.0000
59	5.60	0.	1.0000
60	5.80	0.	1.0000
61	6.00	0.	1.0000

I - INTERVAL NUMBER X - INTERVAL CENTER VALUE

P(X) - PROBABILITY MASS FUNCTION F(X) - CUMULATIVE DISTRIBUTION FUNCTION

SOUTHPORT N.C.

YEARLY STATISTICS

ASTRONOMICAL TIDE				STORM SURGE				TOTAL WATER LEVEL			
MEAN-0.00		STND DEV 1.48		MEAN-0.02		STND DEV 0.41		MEAN-0.02		STND DEV 1.53	
I	X	P(X)	F(X)	I	X	P(X)	F(X)	I	X	P(X)	F(X)
1	-4.00	0.	0.	1	-4.00	0.	0.	1	-6.00	0.	0.
2	-3.90	0.	0.	2	-3.90	0.	0.	2	-5.80	0.	0.
3	-3.80	0.	0.	3	-3.80	0.	0.	3	-5.60	0.	0.
4	-3.70	0.	0.	4	-3.70	0.	0.	4	-5.40	0.	0.
5	-3.60	0.	0.	5	-3.60	0.	0.	5	-5.20	0.	0.
6	-3.50	0.	0.	6	-3.50	0.	0.	6	-5.00	0.	0.
7	-3.40	0.	0.	7	-3.40	0.	0.	7	-4.80	0.	0.
8	-3.30	0.	0.	8	-3.30	0.	0.	8	-4.60	0.	0.
9	-3.20	0.	0.	9	-3.20	0.	0.	9	-4.40	0.	0.
10	-3.10	0.0000	0.0000	10	-3.10	0.	0.	10	-4.20	0.	0.
11	-3.00	0.0003	0.0003	11	-3.00	0.	0.	11	-4.00	0.0000	0.0000
12	-2.90	0.0012	0.0015	12	-2.90	0.	0.	12	-3.80	0.0000	0.0001
13	-2.80	0.0023	0.0038	13	-2.80	0.	0.	13	-3.60	0.0002	0.0002
14	-2.70	0.0038	0.0076	14	-2.70	0.	0.	14	-3.40	0.0006	0.0008
15	-2.60	0.0053	0.0129	15	-2.60	0.	0.	15	-3.20	0.0019	0.0027
16	-2.50	0.0070	0.0198	16	-2.50	0.	0.	16	-3.00	0.0042	0.0069
17	-2.40	0.0085	0.0283	17	-2.40	0.	0.	17	-2.80	0.0088	0.0157
18	-2.30	0.0119	0.0402	18	-2.30	0.	0.	18	-2.60	0.0153	0.0309
19	-2.20	0.0149	0.0551	19	-2.20	0.	0.	19	-2.40	0.0236	0.0545
20	-2.10	0.0182	0.0734	20	-2.10	0.	0.	20	-2.20	0.0316	0.0861
21	-2.00	0.0227	0.0961	21	-2.00	0.0000	0.0000	21	-2.00	0.0389	0.1250
22	-1.90	0.0246	0.1207	22	-1.90	0.0001	0.0001	22	-1.80	0.0442	0.1692
23	-1.80	0.0257	0.1464	23	-1.80	0.0001	0.0001	23	-1.60	0.0463	0.2155
24	-1.70	0.0270	0.1734	24	-1.70	0.0001	0.0002	24	-1.40	0.0450	0.2605
25	-1.60	0.0261	0.1994	25	-1.60	0.0001	0.0003	25	-1.20	0.0428	0.3032
26	-1.50	0.0263	0.2257	26	-1.50	0.0002	0.0005	26	-1.00	0.0403	0.3435
27	-1.40	0.0242	0.2498	27	-1.40	0.0003	0.0008	27	-0.80	0.0387	0.3822
28	-1.30	0.0233	0.2732	28	-1.30	0.0006	0.0014	28	-0.60	0.0363	0.4184
29	-1.20	0.0220	0.2951	29	-1.20	0.0013	0.0027	29	-0.40	0.0350	0.4534
30	-1.10	0.0210	0.3161	30	-1.10	0.0027	0.0054	30	-0.20	0.0339	0.4873
31	-1.00	0.0195	0.3356	31	-1.00	0.0047	0.0101	31	0.	0.0347	0.5220
32	-0.90	0.0185	0.3542	32	-0.90	0.0085	0.0186	32	0.20	0.0344	0.5564
33	-0.80	0.0182	0.3724	33	-0.80	0.0142	0.0327	33	0.40	0.0355	0.5919
34	-0.70	0.0175	0.3899	34	-0.70	0.0226	0.0553	34	0.60	0.0367	0.6286
35	-0.60	0.0173	0.4072	35	-0.60	0.0327	0.0880	35	0.80	0.0396	0.6682
36	-0.50	0.0172	0.4244	36	-0.50	0.0474	0.1354	36	1.00	0.0413	0.7095
37	-0.40	0.0168	0.4412	37	-0.40	0.0634	0.1988	37	1.20	0.0438	0.7533
38	-0.30	0.0167	0.4580	38	-0.30	0.0801	0.2788	38	1.40	0.0450	0.7984
39	-0.20	0.0166	0.4746	39	-0.20	0.0950	0.3738	39	1.60	0.0431	0.8414
40	-0.10	0.0169	0.4914	40	-0.10	0.1028	0.4766	40	1.80	0.0393	0.8808
41	0.	0.0164	0.5078	41	0.	0.1005	0.5770	41	2.00	0.0334	0.9141
42	0.10	0.0169	0.5247	42	0.10	0.0923	0.6693	42	2.20	0.0278	0.9420
43	0.20	0.0167	0.5414	43	0.20	0.0814	0.7507	43	2.40	0.0210	0.9629
44	0.30	0.0170	0.5584	44	0.30	0.0691	0.8198	44	2.60	0.0146	0.9775
45	0.40	0.0174	0.5758	45	0.40	0.0546	0.8744	45	2.80	0.0101	0.9876
46	0.50	0.0173	0.5930	46	0.50	0.0415	0.9160	46	3.00	0.0059	0.9935
47	0.60	0.0181	0.6112	47	0.60	0.0308	0.9467	47	3.20	0.0035	0.9970
48	0.70	0.0187	0.6298	48	0.70	0.0205	0.9672	48	3.40	0.0017	0.9987
49	0.80	0.0194	0.6492	49	0.80	0.0134	0.9806	49	3.60	0.0008	0.9994
50	0.90	0.0207	0.6699	50	0.90	0.0090	0.9896	50	3.80	0.0003	0.9998
51	1.00	0.0216	0.6915	51	1.00	0.0046	0.9941	51	4.00	0.0001	0.9999
52	1.10	0.0226	0.7141	52	1.10	0.0026	0.9967	52	4.20	0.0000	1.0000
53	1.20	0.0240	0.7381	53	1.20	0.0014	0.9982	53	4.40	0.0000	1.0000
54	1.30	0.0247	0.7629	54	1.30	0.0008	0.9990	54	4.60	0.0000	1.0000
55	1.40	0.0242	0.7870	55	1.40	0.0004	0.9994	55	4.80	0.	1.0000
56	1.50	0.0249	0.8120	56	1.50	0.0002	0.9996	56	5.00	0.0000	1.0000
57	1.60	0.0240	0.8359	57	1.60	0.0001	0.9997	57	5.20	0.	1.0000
58	1.70	0.0228	0.8587	58	1.70	0.0001	0.9998	58	5.40	0.	1.0000
59	1.80	0.0214	0.8801	59	1.80	0.0000	0.9998	59	5.60	0.	1.0000
60	1.90	0.0201	0.9003	60	1.90	0.0000	0.9999	60	5.80	0.	1.0000
61	2.00	0.0180	0.9183	61	2.00	0.0000	0.9999	61	6.00	0.	1.0000
62	2.10	0.0163	0.9346	62	2.10	0.0000	0.9999				
63	2.20	0.0143	0.9489	63	2.20	0.0000	0.9999				
64	2.30	0.0126	0.9615	64	2.30	0.0000	0.9999				
65	2.40	0.0093	0.9708	65	2.40	0.0000	1.0000				
66	2.50	0.0077	0.9785	66	2.50	0.0000	1.0000				
67	2.60	0.0061	0.9846	67	2.60	0.	1.0000				
68	2.70	0.0046	0.9892	68	2.70	0.	1.0000				
69	2.80	0.0036	0.9927	69	2.80	0.0000	1.0000				
70	2.90	0.0030	0.9957	70	2.90	0.	1.0000				
71	3.00	0.0020	0.9977	71	3.00	0.	1.0000				
72	3.10	0.0014	0.9991	72	3.10	0.	1.0000				
73	3.20	0.0007	0.9997	73	3.20	0.	1.0000				
74	3.30	0.0003	1.0000	74	3.30	0.	1.0000				
75	3.40	0.0000	1.0000	75	3.40	0.	1.0000				
76	3.50	0.	1.0000	76	3.50	0.	1.0000				
77	3.60	0.	1.0000	77	3.60	0.	1.0000				
78	3.70	0.	1.0000	78	3.70	0.	1.0000				
79	3.80	0.	1.0000	79	3.80	0.	1.0000				
80	3.90	0.	1.0000	80	3.90	0.	1.0000				
81	4.00	0.	1.0000	81	4.00	0.	1.0000				

I - INTERVAL NUMBER X - INTERVAL CENTER VALUE

P(X) - PROBABILITY MASS FUNCTION F(X) - CUMULATIVE DISTRIBUTION FUNCTION

SOUTHPORT N.C.

STATISTICS FOR JANUARY

ASTRONOMICAL TIDE				STORM SURGE				TOTAL WATER LEVEL			
MEAN-0.00		STND DEV 1.47		MEAN-0.26		STND DEV 0.37		MEAN-0.26		STND DEV 1.52	
I	X	P(X)	F(X)	I	X	P(X)	F(X)	I	X	P(X)	F(X)
1	-4.00	0.	0.	1	-4.00	0.	0.	1	-6.00	0.	0.
2	-3.90	0.	0.	2	-3.90	0.	0.	2	-5.80	0.	0.
3	-3.80	0.	0.	3	-3.80	0.	0.	3	-5.60	0.	0.
4	-3.70	0.	0.	4	-3.70	0.	0.	4	-5.40	0.	0.
5	-3.60	0.	0.	5	-3.60	0.	0.	5	-5.20	0.	0.
6	-3.50	0.	0.	6	-3.50	0.	0.	6	-5.00	0.	0.
7	-3.40	0.	0.	7	-3.40	0.	0.	7	-4.80	0.	0.
8	-3.30	0.	0.	8	-3.30	0.	0.	8	-4.60	0.	0.
9	-3.20	0.	0.	9	-3.20	0.	0.	9	-4.40	0.	0.
10	-3.10	0.	0.	10	-3.10	0.	0.	10	-4.20	0.	0.
11	-3.00	0.0005	0.0005	11	-3.00	0.	0.	11	-4.00	0.0002	0.0002
12	-2.90	0.0011	0.0016	12	-2.90	0.	0.	12	-3.80	0.0001	0.0003
13	-2.80	0.0013	0.0028	13	-2.80	0.	0.	13	-3.60	0.0006	0.0009
14	-2.70	0.0035	0.0063	14	-2.70	0.	0.	14	-3.40	0.0016	0.0026
15	-2.60	0.0049	0.0113	15	-2.60	0.	0.	15	-3.20	0.0049	0.0075
16	-2.50	0.0064	0.0177	16	-2.50	0.	0.	16	-3.00	0.0088	0.0163
17	-2.40	0.0073	0.0250	17	-2.40	0.	0.	17	-2.80	0.0153	0.0316
18	-2.30	0.0096	0.0346	18	-2.30	0.	0.	18	-2.60	0.0247	0.0563
19	-2.20	0.0166	0.0512	19	-2.20	0.	0.	19	-2.40	0.0354	0.0917
20	-2.10	0.0177	0.0689	20	-2.10	0.	0.	20	-2.20	0.0418	0.1335
21	-2.00	0.0245	0.0934	21	-2.00	0.	0.	21	-2.00	0.0459	0.1794
22	-1.90	0.0248	0.1181	22	-1.90	0.0001	0.0001	22	-1.80	0.0478	0.2272
23	-1.80	0.0279	0.1461	23	-1.80	0.0001	0.0001	23	-1.60	0.0460	0.2732
24	-1.70	0.0299	0.1760	24	-1.70	0.0002	0.0003	24	-1.40	0.0412	0.3145
25	-1.60	0.0268	0.2028	25	-1.60	0.0003	0.0007	25	-1.20	0.0383	0.3528
26	-1.50	0.0248	0.2276	26	-1.50	0.0002	0.0009	26	-1.00	0.0390	0.3918
27	-1.40	0.0241	0.2517	27	-1.40	0.0009	0.0018	27	-0.80	0.0353	0.4271
28	-1.30	0.0235	0.2752	28	-1.30	0.0015	0.0033	28	-0.60	0.0345	0.4615
29	-1.20	0.0205	0.2957	29	-1.20	0.0030	0.0063	29	-0.40	0.0341	0.4956
30	-1.10	0.0212	0.3169	30	-1.10	0.0076	0.0139	30	-0.20	0.0325	0.5281
31	-1.00	0.0200	0.3368	31	-1.00	0.0113	0.0252	31	0.	0.0364	0.5645
32	-0.90	0.0179	0.3547	32	-0.90	0.0244	0.0496	32	0.20	0.0363	0.6008
33	-0.80	0.0190	0.3737	33	-0.80	0.0389	0.0885	33	0.40	0.0351	0.6359
34	-0.70	0.0173	0.3910	34	-0.70	0.0578	0.1463	34	0.60	0.0395	0.6754
35	-0.60	0.0158	0.4068	35	-0.60	0.0774	0.2237	35	0.80	0.0429	0.7183
36	-0.50	0.0183	0.4250	36	-0.50	0.0923	0.3160	36	1.00	0.0433	0.7616
37	-0.40	0.0162	0.4412	37	-0.40	0.1011	0.4171	37	1.20	0.0443	0.8059
38	-0.30	0.0174	0.4586	38	-0.30	0.1053	0.5224	38	1.40	0.0433	0.8492
39	-0.20	0.0163	0.4749	39	-0.20	0.1083	0.6307	39	1.60	0.0410	0.8902
40	-0.10	0.0167	0.4916	40	-0.10	0.0978	0.7285	40	1.80	0.0352	0.9254
41	0.	0.0161	0.5077	41	0.	0.0768	0.8053	41	2.00	0.0275	0.9528
42	0.10	0.0171	0.5248	42	0.10	0.0595	0.8648	42	2.20	0.0194	0.9722
43	0.20	0.0156	0.5404	43	0.20	0.0462	0.9110	43	2.40	0.0117	0.9839
44	0.30	0.0166	0.5570	44	0.30	0.0320	0.9430	44	2.60	0.0081	0.9921
45	0.40	0.0186	0.5756	45	0.40	0.0207	0.9637	45	2.80	0.0055	0.9975
46	0.50	0.0175	0.5930	46	0.50	0.0160	0.9797	46	3.00	0.0014	0.9989
47	0.60	0.0170	0.6100	47	0.60	0.0103	0.9900	47	3.20	0.0010	0.9999
48	0.70	0.0190	0.6290	48	0.70	0.0051	0.9950	48	3.40	0.0001	1.0000
49	0.80	0.0175	0.6465	49	0.80	0.0033	0.9984	49	3.60	0.	1.0000
50	0.90	0.0203	0.6668	50	0.90	0.0011	0.9994	50	3.80	0.	1.0000
51	1.00	0.0217	0.6885	51	1.00	0.0003	0.9997	51	4.00	0.	1.0000
52	1.10	0.0212	0.7096	52	1.10	0.0002	0.9999	52	4.20	0.	1.0000
53	1.20	0.0254	0.7350	53	1.20	0.0001	1.0000	53	4.40	0.	1.0000
54	1.30	0.0262	0.7612	54	1.30	0.	1.0000	54	4.60	0.	1.0000
55	1.40	0.0254	0.7866	55	1.40	0.	1.0000	55	4.80	0.	1.0000
56	1.50	0.0255	0.8121	56	1.50	0.	1.0000	56	5.00	0.	1.0000
57	1.60	0.0267	0.8388	57	1.60	0.	1.0000	57	5.20	0.	1.0000
58	1.70	0.0235	0.8623	58	1.70	0.	1.0000	58	5.40	0.	1.0000
59	1.80	0.0214	0.8836	59	1.80	0.	1.0000	59	5.60	0.	1.0000
60	1.90	0.0198	0.9034	60	1.90	0.	1.0000	60	5.80	0.	1.0000
61	2.00	0.0185	0.9219	61	2.00	0.	1.0000	61	6.00	0.	1.0000
62	2.10	0.0162	0.9381	62	2.10	0.	1.0000				
63	2.20	0.0146	0.9527	63	2.20	0.	1.0000				
64	2.30	0.0139	0.9666	64	2.30	0.	1.0000				
65	2.40	0.0088	0.9754	65	2.40	0.	1.0000				
66	2.50	0.0070	0.9824	66	2.50	0.	1.0000				
67	2.60	0.0052	0.9876	67	2.60	0.	1.0000				
68	2.70	0.0033	0.9910	68	2.70	0.	1.0000				
69	2.80	0.0029	0.9939	69	2.80	0.	1.0000				
70	2.90	0.0026	0.9964	70	2.90	0.	1.0000				
71	3.00	0.0019	0.9983	71	3.00	0.	1.0000				
72	3.10	0.0014	0.9997	72	3.10	0.	1.0000				
73	3.20	0.0002	0.9999	73	3.20	0.	1.0000				
74	3.30	0.0001	1.0000	74	3.30	0.	1.0000				
75	3.40	0.	1.0000	75	3.40	0.	1.0000				
76	3.50	0.	1.0000	76	3.50	0.	1.0000				
77	3.60	0.	1.0000	77	3.60	0.	1.0000				
78	3.70	0.	1.0000	78	3.70	0.	1.0000				
79	3.80	0.	1.0000	79	3.80	0.	1.0000				
80	3.90	0.	1.0000	80	3.90	0.	1.0000				
81	4.00	0.	1.0000	81	4.00	0.	1.0000				

I - INTERVAL NUMBER X - INTERVAL CENTER VALUE

P(X) - PROBABILITY MASS FUNCTION F(X) - CUMULATIVE DISTRIBUTION FUNCTION

SOUTHPORT N.C.

STATISTICS FOR FEBRUARY

ASTRONOMICAL TIDE				STORM SURGE				TOTAL WATER LEVEL			
MEAN 0.00		STND DEV 1.48		MEAN-0.26		STND DEV 0.40		MEAN-0.26		STND DEV 1.54	
I	X	P(X)	F(X)	I	X	P(X)	F(X)	I	X	P(X)	F(X)
1	-4.00	0.	0.	1	-4.00	0.	0.	1	-6.00	0.	0.
2	-3.90	0.	0.	2	-3.90	0.	0.	2	-5.80	0.	0.
3	-3.80	0.	0.	3	-3.80	0.	0.	3	-5.60	0.	0.
4	-3.70	0.	0.	4	-3.70	0.	0.	4	-5.40	0.	0.
5	-3.60	0.	0.	5	-3.60	0.	0.	5	-5.20	0.	0.
6	-3.50	0.	0.	6	-3.50	0.	0.	6	-5.00	0.	0.
7	-3.40	0.	0.	7	-3.40	0.	0.	7	-4.80	0.	0.
8	-3.30	0.	0.	8	-3.30	0.	0.	8	-4.60	0.	0.
9	-3.20	0.	0.	9	-3.20	0.	0.	9	-4.40	0.	0.
10	-3.10	0.0003	0.0003	10	-3.10	0.	0.	10	-4.20	0.	0.
11	-3.00	0.0007	0.0010	11	-3.00	0.	0.	11	-4.00	0.	0.
12	-2.90	0.0019	0.0029	12	-2.90	0.	0.	12	-3.80	0.	0.
13	-2.80	0.0034	0.0063	13	-2.80	0.	0.	13	-3.60	0.0007	0.0007
14	-2.70	0.0044	0.0107	14	-2.70	0.	0.	14	-3.40	0.0016	0.0024
15	-2.60	0.0045	0.0152	15	-2.60	0.	0.	15	-3.20	0.0048	0.0072
16	-2.50	0.0066	0.0217	16	-2.50	0.	0.	16	-3.00	0.0093	0.0165
17	-2.40	0.0092	0.0309	17	-2.40	0.	0.	17	-2.80	0.0191	0.0356
18	-2.30	0.0107	0.0417	18	-2.30	0.	0.	18	-2.60	0.0279	0.0635
19	-2.20	0.0137	0.0554	19	-2.20	0.	0.	19	-2.40	0.0360	0.0995
20	-2.10	0.0191	0.0745	20	-2.10	0.	0.	20	-2.20	0.0407	0.1402
21	-2.00	0.0226	0.0971	21	-2.00	0.0001	0.0001	21	-2.00	0.0460	0.1862
22	-1.90	0.0235	0.1207	22	-1.90	0.0005	0.0006	22	-1.80	0.0421	0.2283
23	-1.80	0.0253	0.1460	23	-1.80	0.0007	0.0012	23	-1.60	0.0422	0.2704
24	-1.70	0.0266	0.1726	24	-1.70	0.0004	0.0016	24	-1.40	0.0405	0.3109
25	-1.60	0.0265	0.1991	25	-1.60	0.0008	0.0025	25	-1.20	0.0413	0.3523
26	-1.50	0.0266	0.2256	26	-1.50	0.0010	0.0034	26	-1.00	0.0361	0.3884
27	-1.40	0.0235	0.2491	27	-1.40	0.0010	0.0044	27	-0.80	0.0368	0.4252
28	-1.30	0.0221	0.2712	28	-1.30	0.0021	0.0066	28	-0.60	0.0346	0.4598
29	-1.20	0.0224	0.2936	29	-1.20	0.0059	0.0125	29	-0.40	0.0337	0.4935
30	-1.10	0.0239	0.3174	30	-1.10	0.0120	0.0244	30	-0.20	0.0350	0.5285
31	-1.00	0.0182	0.3356	31	-1.00	0.0176	0.0420	31	0.	0.0360	0.5645
32	-0.90	0.0174	0.3530	32	-0.90	0.0243	0.0663	32	0.20	0.0342	0.5987
33	-0.80	0.0180	0.3710	33	-0.80	0.0420	0.1083	33	0.40	0.0368	0.6354
34	-0.70	0.0181	0.3891	34	-0.70	0.0568	0.1650	34	0.60	0.0390	0.6775
35	-0.60	0.0185	0.4076	35	-0.60	0.0726	0.2376	35	0.80	0.0407	0.7182
36	-0.50	0.0161	0.4236	36	-0.50	0.0837	0.3214	36	1.00	0.0451	0.7633
37	-0.40	0.0171	0.4408	37	-0.40	0.0914	0.4127	37	1.20	0.0435	0.8068
38	-0.30	0.0171	0.4578	38	-0.30	0.0959	0.5086	38	1.40	0.0417	0.8484
39	-0.20	0.0162	0.4741	39	-0.20	0.0937	0.6023	39	1.60	0.0379	0.8863
40	-0.10	0.0171	0.4911	40	-0.10	0.0978	0.7000	40	1.80	0.0331	0.9194
41	0.	0.0158	0.5070	41	0.	0.0891	0.7891	41	2.00	0.0261	0.9455
42	0.10	0.0163	0.5233	42	0.10	0.0698	0.8589	42	2.20	0.0217	0.9671
43	0.20	0.0166	0.5399	43	0.20	0.0528	0.9118	43	2.40	0.0143	0.9814
44	0.30	0.0181	0.5581	44	0.30	0.0339	0.9456	44	2.60	0.0088	0.9902
45	0.40	0.0163	0.5744	45	0.40	0.0192	0.9648	45	2.80	0.0058	0.9960
46	0.50	0.0165	0.5909	46	0.50	0.0137	0.9785	46	3.00	0.0025	0.9985
47	0.60	0.0183	0.6092	47	0.60	0.0082	0.9867	47	3.20	0.0007	0.9993
48	0.70	0.0196	0.6288	48	0.70	0.0039	0.9906	48	3.40	0.0003	0.9996
49	0.80	0.0194	0.6481	49	0.80	0.0029	0.9934	49	3.60	0.0003	0.9998
50	0.90	0.0206	0.6687	50	0.90	0.0032	0.9966	50	3.80	0.0001	0.9999
51	1.00	0.0212	0.6899	51	1.00	0.0013	0.9980	51	4.00	0.0001	1.0000
52	1.10	0.0224	0.7123	52	1.10	0.0010	0.9989	52	4.20	0.	1.0000
53	1.20	0.0239	0.7361	53	1.20	0.0004	0.9993	53	4.40	0.	1.0000
54	1.30	0.0224	0.7585	54	1.30	0.0002	0.9995	54	4.60	0.	1.0000
55	1.40	0.0232	0.7817	55	1.40	0.0002	0.9997	55	4.80	0.	1.0000
56	1.50	0.0253	0.8070	56	1.50	0.0002	0.9998	56	5.00	0.	1.0000
57	1.60	0.0226	0.8296	57	1.60	0.0001	0.9999	57	5.20	0.	1.0000
58	1.70	0.0259	0.8555	58	1.70	0.0001	1.0000	58	5.40	0.	1.0000
59	1.80	0.0220	0.8775	59	1.80	0.	1.0000	59	5.60	0.	1.0000
60	1.90	0.0213	0.8988	60	1.90	0.	1.0000	60	5.80	0.	1.0000
61	2.00	0.0200	0.9188	61	2.00	0.	1.0000	61	6.00	0.	1.0000
62	2.10	0.0171	0.9359	62	2.10	0.	1.0000				
63	2.20	0.0166	0.9525	63	2.20	0.	1.0000				
64	2.30	0.0121	0.9646	64	2.30	0.	1.0000				
65	2.40	0.0098	0.9745	65	2.40	0.	1.0000				
66	2.50	0.0076	0.9821	66	2.50	0.	1.0000				
67	2.60	0.0058	0.9879	67	2.60	0.	1.0000				
68	2.70	0.0048	0.9927	68	2.70	0.	1.0000				
69	2.80	0.0035	0.9962	69	2.80	0.	1.0000				
70	2.90	0.0019	0.9981	70	2.90	0.	1.0000				
71	3.00	0.0013	0.9994	71	3.00	0.	1.0000				
72	3.10	0.0005	0.9999	72	3.10	0.	1.0000				
73	3.20	0.0001	1.0000	73	3.20	0.	1.0000				
74	3.30	0.	1.0000	74	3.30	0.	1.0000				
75	3.40	0.	1.0000	75	3.40	0.	1.0000				
76	3.50	0.	1.0000	76	3.50	0.	1.0000				
77	3.60	0.	1.0000	77	3.60	0.	1.0000				
78	3.70	0.	1.0000	78	3.70	0.	1.0000				
79	3.80	0.	1.0000	79	3.80	0.	1.0000				
80	3.90	0.	1.0000	80	3.90	0.	1.0000				
81	4.00	0.	1.0000	81	4.00	0.	1.0000				

I - INTERVAL NUMBER X - INTERVAL CENTER VALUE

P(X) - PROBABILITY MASS FUNCTION F(X) - CUMULATIVE DISTRIBUTION FUNCTION

SOUTHPORT N.C.

STATISTICS FOR MARCH

ASTRONOMICAL TIDE				STORM SURGE				TOTAL WATER LEVEL			
MEAN 0.00		STND DEV 1.47		MEAN-0.23		STND DEV 0.38		MEAN-0.23		STND DEV 1.52	
I	X	P(X)	F(X)	I	X	P(X)	F(X)	I	X	P(X)	F(X)
1	-4.00	0.	0.	1	-4.00	0.	0.	1	-6.00	0.	0.
2	-3.90	0.	0.	2	-3.90	0.	0.	2	-5.80	0.	0.
3	-3.80	0.	0.	3	-3.80	0.	0.	3	-5.60	0.	0.
4	-3.70	0.	0.	4	-3.70	0.	0.	4	-5.40	0.	0.
5	-3.60	0.	0.	5	-3.60	0.	0.	5	-5.20	0.	0.
6	-3.50	0.	0.	6	-3.50	0.	0.	6	-5.00	0.	0.
7	-3.40	0.	0.	7	-3.40	0.	0.	7	-4.80	0.	0.
8	-3.30	0.	0.	8	-3.30	0.	0.	8	-4.60	0.	0.
9	-3.20	0.	0.	9	-3.20	0.	0.	9	-4.40	0.	0.
10	-3.10	0.	0.	10	-3.10	0.	0.	10	-4.20	0.	0.
11	-3.00	0.0011	0.0011	11	-3.00	0.	0.	11	-4.00	0.	0.
12	-2.90	0.0021	0.0033	12	-2.90	0.	0.	12	-3.80	0.0002	0.0002
13	-2.80	0.0027	0.0059	13	-2.80	0.	0.	13	-3.60	0.0003	0.0005
14	-2.70	0.0038	0.0097	14	-2.70	0.	0.	14	-3.40	0.0020	0.0025
15	-2.60	0.0064	0.0161	15	-2.60	0.	0.	15	-3.20	0.0049	0.0074
16	-2.50	0.0058	0.0219	16	-2.50	0.	0.	16	-3.00	0.0083	0.0156
17	-2.40	0.0075	0.0294	17	-2.40	0.	0.	17	-2.80	0.0156	0.0312
18	-2.30	0.0127	0.0421	18	-2.30	0.	0.	18	-2.60	0.0242	0.0554
19	-2.20	0.0133	0.0554	19	-2.20	0.	0.	19	-2.40	0.0335	0.0889
20	-2.10	0.0168	0.0722	20	-2.10	0.	0.	20	-2.20	0.0410	0.1299
21	-2.00	0.0218	0.0940	21	-2.00	0.	0.	21	-2.00	0.0434	0.1733
22	-1.90	0.0238	0.1179	22	-1.90	0.	0.	22	-1.80	0.0459	0.2192
23	-1.80	0.0249	0.1428	23	-1.80	0.0001	0.0001	23	-1.60	0.0410	0.2601
24	-1.70	0.0255	0.1683	24	-1.70	0.0001	0.0002	24	-1.40	0.0439	0.3041
25	-1.60	0.0272	0.1955	25	-1.60	0.0002	0.0004	25	-1.20	0.0388	0.3428
26	-1.50	0.0270	0.2225	26	-1.50	0.0004	0.0009	26	-1.00	0.0384	0.3812
27	-1.40	0.0251	0.2476	27	-1.40	0.0008	0.0016	27	-0.80	0.0388	0.4201
28	-1.30	0.0243	0.2719	28	-1.30	0.0023	0.0039	28	-0.60	0.0337	0.4537
29	-1.20	0.0227	0.2946	29	-1.20	0.0035	0.0074	29	-0.40	0.0355	0.4893
30	-1.10	0.0202	0.3148	30	-1.10	0.0063	0.0137	30	-0.20	0.0342	0.5235
31	-1.00	0.0206	0.3354	31	-1.00	0.0122	0.0260	31	0.	0.0342	0.5577
32	-0.90	0.0170	0.3524	32	-0.90	0.0211	0.0470	32	0.20	0.0345	0.5922
33	-0.80	0.0179	0.3703	33	-0.80	0.0284	0.0755	33	0.40	0.0387	0.6309
34	-0.70	0.0191	0.3894	34	-0.70	0.0441	0.1196	34	0.60	0.0373	0.6682
35	-0.60	0.0175	0.4068	35	-0.60	0.0586	0.1781	35	0.80	0.0437	0.7119
36	-0.50	0.0163	0.4232	36	-0.50	0.0840	0.2622	36	1.00	0.0405	0.7523
37	-0.40	0.0162	0.4394	37	-0.40	0.1051	0.3672	37	1.20	0.0456	0.7980
38	-0.30	0.0179	0.4573	38	-0.30	0.1200	0.4872	38	1.40	0.0451	0.8430
39	-0.20	0.0176	0.4749	39	-0.20	0.1147	0.6019	39	1.60	0.0381	0.8811
40	-0.10	0.0159	0.4908	40	-0.10	0.1031	0.7050	40	1.80	0.0357	0.9168
41	0.	0.0165	0.5073	41	0.	0.0869	0.7919	41	2.00	0.0305	0.9473
42	0.10	0.0177	0.5250	42	0.10	0.0660	0.8579	42	2.20	0.0214	0.9687
43	0.20	0.0157	0.5407	43	0.20	0.0488	0.9067	43	2.40	0.0148	0.9835
44	0.30	0.0165	0.5572	44	0.30	0.0342	0.9409	44	2.60	0.0082	0.9917
45	0.40	0.0174	0.5746	45	0.40	0.0209	0.9618	45	2.80	0.0053	0.9970
46	0.50	0.0185	0.5930	46	0.50	0.0131	0.9749	46	3.00	0.0017	0.9987
47	0.60	0.0178	0.6108	47	0.60	0.0086	0.9835	47	3.20	0.0009	0.9997
48	0.70	0.0178	0.6286	48	0.70	0.0052	0.9887	48	3.40	0.0002	0.9999
49	0.80	0.0195	0.6481	49	0.80	0.0035	0.9922	49	3.60	0.0001	1.0000
50	0.90	0.0227	0.6708	50	0.90	0.0033	0.9954	50	3.80	0.	1.0000
51	1.00	0.0219	0.6928	51	1.00	0.0013	0.9968	51	4.00	0.	1.0000
52	1.10	0.0212	0.7139	52	1.10	0.0011	0.9979	52	4.20	0.	1.0000
53	1.20	0.0236	0.7376	53	1.20	0.0006	0.9985	53	4.40	0.	1.0000
54	1.30	0.0221	0.7596	54	1.30	0.0003	0.9989	54	4.60	0.	1.0000
55	1.40	0.0243	0.7840	55	1.40	0.0002	0.9991	55	4.80	0.	1.0000
56	1.50	0.0238	0.8077	56	1.50	0.0003	0.9994	56	5.00	0.	1.0000
57	1.60	0.0223	0.8300	57	1.60	0.0002	0.9997	57	5.20	0.	1.0000
58	1.70	0.0233	0.8533	58	1.70	0.0001	0.9997	58	5.40	0.	1.0000
59	1.80	0.0224	0.8757	59	1.80	0.	0.9997	59	5.60	0.	1.0000
60	1.90	0.0229	0.8986	60	1.90	0.0001	0.9998	60	5.80	0.	1.0000
61	2.00	0.0205	0.9191	61	2.00	0.0001	0.9999	61	6.00	0.	1.0000
62	2.10	0.0186	0.9377	62	2.10	0.0001	1.0000				
63	2.20	0.0150	0.9527	63	2.20	0.	1.0000				
64	2.30	0.0137	0.9664	64	2.30	0.	1.0000				
65	2.40	0.0086	0.9750	65	2.40	0.	1.0000				
66	2.50	0.0080	0.9830	66	2.50	0.	1.0000				
67	2.60	0.0055	0.9884	67	2.60	0.	1.0000				
68	2.70	0.0038	0.9922	68	2.70	0.	1.0000				
69	2.80	0.0038	0.9960	69	2.80	0.	1.0000				
70	2.90	0.0022	0.9982	70	2.90	0.	1.0000				
71	3.00	0.0011	0.9993	71	3.00	0.	1.0000				
72	3.10	0.0006	0.9999	72	3.10	0.	1.0000				
73	3.20	0.0001	1.0000	73	3.20	0.	1.0000				
74	3.30	0.	1.0000	74	3.30	0.	1.0000				
75	3.40	0.	1.0000	75	3.40	0.	1.0000				
76	3.50	0.	1.0000	76	3.50	0.	1.0000				
77	3.60	0.	1.0000	77	3.60	0.	1.0000				
78	3.70	0.	1.0000	78	3.70	0.	1.0000				
79	3.80	0.	1.0000	79	3.80	0.	1.0000				
80	3.90	0.	1.0000	80	3.90	0.	1.0000				
81	4.00	0.	1.0000	81	4.00	0.	1.0000				

I - INTERVAL NUMBER X - INTERVAL CENTER VALUE

P(X) - PROBABILITY MASS FUNCTION F(X) - CUMULATIVE DISTRIBUTION FUNCTION

SOUTHPORT N.C.

STATISTICS FOR APRIL

ASTRONOMICAL TIDE				STORM SURGE				TOTAL WATER LEVEL			
MEAN 0.00		STND DEV 1.48		MEAN-0.16		STND DEV 0.34		MEAN-0.15		STND DEV 1.52	
I	X	P(X)	F(X)	I	X	P(X)	F(X)	I	X	P(X)	F(X)
1	-4.00	0.	0.	1	-4.00	0.	0.	1	-6.00	0.	0.
2	-3.90	0.	0.	2	-3.90	0.	0.	2	-5.80	0.	0.
3	-3.80	0.	0.	3	-3.80	0.	0.	3	-5.60	0.	0.
4	-3.70	0.	0.	4	-3.70	0.	0.	4	-5.40	0.	0.
5	-3.60	0.	0.	5	-3.60	0.	0.	5	-5.20	0.	0.
6	-3.50	0.	0.	6	-3.50	0.	0.	6	-5.00	0.	0.
7	-3.40	0.	0.	7	-3.40	0.	0.	7	-4.80	0.	0.
8	-3.30	0.	0.	8	-3.30	0.	0.	8	-4.60	0.	0.
9	-3.20	0.	0.	9	-3.20	0.	0.	9	-4.40	0.	0.
10	-3.10	0.	0.	10	-3.10	0.	0.	10	-4.20	0.	0.
11	-3.00	0.0001	0.0001	11	-3.00	0.	0.	11	-4.00	0.	0.
12	-2.90	0.0015	0.0015	12	-2.90	0.	0.	12	-3.80	0.	0.
13	-2.80	0.0025	0.0040	13	-2.80	0.	0.	13	-3.60	0.0003	0.0003
14	-2.70	0.0050	0.0090	14	-2.70	0.	0.	14	-3.40	0.0008	0.0011
15	-2.60	0.0056	0.0146	15	-2.60	0.	0.	15	-3.20	0.0026	0.0037
16	-2.50	0.0079	0.0225	16	-2.50	0.	0.	16	-3.00	0.0062	0.0099
17	-2.40	0.0090	0.0315	17	-2.40	0.	0.	17	-2.80	0.0147	0.0246
18	-2.30	0.0120	0.0435	18	-2.30	0.	0.	18	-2.60	0.0216	0.0462
19	-2.20	0.0128	0.0563	19	-2.20	0.	0.	19	-2.40	0.0292	0.0755
20	-2.10	0.0184	0.0748	20	-2.10	0.	0.	20	-2.20	0.0367	0.1121
21	-2.00	0.0201	0.0949	21	-2.00	0.0001	0.0001	21	-2.00	0.0426	0.1547
22	-1.90	0.0252	0.1201	22	-1.90	0.	0.0001	22	-1.80	0.0455	0.2002
23	-1.80	0.0225	0.1426	23	-1.80	0.0001	0.0002	23	-1.60	0.0472	0.2473
24	-1.70	0.0275	0.1701	24	-1.70	0.	0.0002	24	-1.40	0.0404	0.2877
25	-1.60	0.0262	0.1962	25	-1.60	0.	0.0002	25	-1.20	0.0429	0.3306
26	-1.50	0.0267	0.2229	26	-1.50	0.0002	0.0003	26	-1.00	0.0378	0.3684
27	-1.40	0.0255	0.2485	27	-1.40	0.0001	0.0004	27	-0.80	0.0374	0.4057
28	-1.30	0.0230	0.2715	28	-1.30	0.0002	0.0006	28	-0.60	0.0365	0.4422
29	-1.20	0.0233	0.2948	29	-1.20	0.0009	0.0015	29	-0.40	0.0358	0.4780
30	-1.10	0.0201	0.3148	30	-1.10	0.0017	0.0032	30	-0.20	0.0306	0.5086
31	-1.00	0.0208	0.3357	31	-1.00	0.0046	0.0077	31	0.	0.0373	0.5459
32	-0.90	0.0192	0.3549	32	-0.90	0.0105	0.0182	32	0.20	0.0353	0.5812
33	-0.80	0.0190	0.3738	33	-0.80	0.0191	0.0374	33	0.40	0.0345	0.6157
34	-0.70	0.0155	0.3894	34	-0.70	0.0321	0.0694	34	0.60	0.0392	0.6549
35	-0.60	0.0171	0.4064	35	-0.60	0.0540	0.1235	35	0.80	0.0419	0.6968
36	-0.50	0.0170	0.4234	36	-0.50	0.0732	0.1967	36	1.00	0.0431	0.7398
37	-0.40	0.0171	0.4404	37	-0.40	0.1003	0.2970	37	1.20	0.0457	0.7855
38	-0.30	0.0163	0.4567	38	-0.30	0.1056	0.4026	38	1.40	0.0460	0.8315
39	-0.20	0.0177	0.4744	39	-0.20	0.1112	0.5138	39	1.60	0.0386	0.8701
40	-0.10	0.0179	0.4923	40	-0.10	0.1093	0.6232	40	1.80	0.0358	0.9059
41	0.	0.0157	0.5080	41	0.	0.0992	0.7224	41	2.00	0.0289	0.9348
42	0.10	0.0172	0.5252	42	0.10	0.0892	0.8116	42	2.20	0.0232	0.9580
43	0.20	0.0164	0.5416	43	0.20	0.0697	0.8813	43	2.40	0.0185	0.9765
44	0.30	0.0171	0.5587	44	0.30	0.0466	0.9279	44	2.60	0.0104	0.9870
45	0.40	0.0163	0.5750	45	0.40	0.0336	0.9614	45	2.80	0.0068	0.9938
46	0.50	0.0179	0.5929	46	0.50	0.0169	0.9783	46	3.00	0.0048	0.9985
47	0.60	0.0186	0.6115	47	0.60	0.0097	0.9880	47	3.20	0.0012	0.9998
48	0.70	0.0203	0.6318	48	0.70	0.0063	0.9942	48	3.40	0.0002	1.0000
49	0.80	0.0203	0.6521	49	0.80	0.0029	0.9972	49	3.60	0.	1.0000
50	0.90	0.0191	0.6711	50	0.90	0.0019	0.9991	50	3.80	0.	1.0000
51	1.00	0.0206	0.6917	51	1.00	0.0004	0.9995	51	4.00	0.	1.0000
52	1.10	0.0232	0.7149	52	1.10	0.0004	0.9998	52	4.20	0.	1.0000
53	1.20	0.0243	0.7392	53	1.20	0.0002	1.0000	53	4.40	0.	1.0000
54	1.30	0.0238	0.7630	54	1.30	0.	1.0000	54	4.60	0.	1.0000
55	1.40	0.0231	0.7860	55	1.40	0.	1.0000	55	4.80	0.	1.0000
56	1.50	0.0251	0.8111	56	1.50	0.	1.0000	56	5.00	0.	1.0000
57	1.60	0.0231	0.8342	57	1.60	0.	1.0000	57	5.20	0.	1.0000
58	1.70	0.0222	0.8563	58	1.70	0.	1.0000	58	5.40	0.	1.0000
59	1.80	0.0225	0.8789	59	1.80	0.	1.0000	59	5.60	0.	1.0000
60	1.90	0.0204	0.8992	60	1.90	0.	1.0000	60	5.80	0.	1.0000
61	2.00	0.0184	0.9176	61	2.00	0.	1.0000	61	6.00	0.	1.0000
62	2.10	0.0154	0.9330	62	2.10	0.	1.0000				
63	2.20	0.0141	0.9471	63	2.20	0.	1.0000				
64	2.30	0.0131	0.9602	64	2.30	0.	1.0000				
65	2.40	0.0109	0.9711	65	2.40	0.	1.0000				
66	2.50	0.0068	0.9778	66	2.50	0.	1.0000				
67	2.60	0.0056	0.9835	67	2.60	0.	1.0000				
68	2.70	0.0043	0.9878	68	2.70	0.	1.0000				
69	2.80	0.0037	0.9915	69	2.80	0.	1.0000				
70	2.90	0.0036	0.9951	70	2.90	0.	1.0000				
71	3.00	0.0013	0.9964	71	3.00	0.	1.0000				
72	3.10	0.0022	0.9986	72	3.10	0.	1.0000				
73	3.20	0.0009	0.9995	73	3.20	0.	1.0000				
74	3.30	0.0005	1.0000	74	3.30	0.	1.0000				
75	3.40	0.	1.0000	75	3.40	0.	1.0000				
76	3.50	0.	1.0000	76	3.50	0.	1.0000				
77	3.60	0.	1.0000	77	3.60	0.	1.0000				
78	3.70	0.	1.0000	78	3.70	0.	1.0000				
79	3.80	0.	1.0000	79	3.80	0.	1.0000				
80	3.90	0.	1.0000	80	3.90	0.	1.0000				
81	4.00	0.	1.0000	81	4.00	0.	1.0000				

I - INTERVAL NUMBER X - INTERVAL CENTER VALUE

P(X) - PROBABILITY MASS FUNCTION F(X) - CUMULATIVE DISTRIBUTION FUNCTION

SOUTHPORT N.C.

STATISTICS FOR MAY

ASTRONOMICAL TIDE				STORM SURGE				TOTAL WATER LEVEL			
MEAN 0.00		STND DEV 1.48		MEAN-0.00		STND DEV 0.32		MEAN-0.00		STND DEV 1.52	
I	X	P(X)	F(X)	I	X	P(X)	F(X)	I	X	P(X)	F(X)
1	-4.00	0.	0.	1	-4.00	0.	0.	1	-6.00	0.	0.
2	-3.90	0.	0.	2	-3.90	0.	0.	2	-5.80	0.	0.
3	-3.80	0.	0.	3	-3.80	0.	0.	3	-5.60	0.	0.
4	-3.70	0.	0.	4	-3.70	0.	0.	4	-5.40	0.	0.
5	-3.60	0.	0.	5	-3.60	0.	0.	5	-5.20	0.	0.
6	-3.50	0.	0.	6	-3.50	0.	0.	6	-5.00	0.	0.
7	-3.40	0.	0.	7	-3.40	0.	0.	7	-4.80	0.	0.
8	-3.30	0.	0.	8	-3.30	0.	0.	8	-4.60	0.	0.
9	-3.20	0.	0.	9	-3.20	0.	0.	9	-4.40	0.	0.
10	-3.10	0.	0.	10	-3.10	0.	0.	10	-4.20	0.	0.
11	-3.00	0.	0.	11	-3.00	0.	0.	11	-4.00	0.	0.
12	-2.90	0.0005	0.0005	12	-2.90	0.	0.	12	-3.80	0.	0.
13	-2.80	0.0018	0.0023	13	-2.80	0.	0.	13	-3.60	0.	0.
14	-2.70	0.0041	0.0064	14	-2.70	0.	0.	14	-3.40	0.0001	0.0001
15	-2.60	0.0050	0.0114	15	-2.60	0.	0.	15	-3.20	0.0005	0.0006
16	-2.50	0.0076	0.0190	16	-2.50	0.	0.	16	-3.00	0.0028	0.0034
17	-2.40	0.0094	0.0284	17	-2.40	0.	0.	17	-2.80	0.0066	0.0100
18	-2.30	0.0120	0.0403	18	-2.30	0.	0.	18	-2.60	0.0133	0.0233
19	-2.20	0.0145	0.0548	19	-2.20	0.	0.	19	-2.40	0.0211	0.0444
20	-2.10	0.0177	0.0725	20	-2.10	0.	0.	20	-2.20	0.0318	0.0762
21	-2.00	0.0228	0.0953	21	-2.00	0.	0.	21	-2.00	0.0407	0.1169
22	-1.90	0.0248	0.1201	22	-1.90	0.	0.	22	-1.80	0.0461	0.1629
23	-1.80	0.0263	0.1464	23	-1.80	0.	0.	23	-1.60	0.0501	0.2130
24	-1.70	0.0263	0.1727	24	-1.70	0.	0.	24	-1.40	0.0471	0.2602
25	-1.60	0.0279	0.2006	25	-1.60	0.	0.	25	-1.20	0.0404	0.3005
26	-1.50	0.0250	0.2256	26	-1.50	0.	0.	26	-1.00	0.0414	0.3419
27	-1.40	0.0242	0.2498	27	-1.40	0.	0.	27	-0.80	0.0398	0.3817
28	-1.30	0.0243	0.2741	28	-1.30	0.	0.	28	-0.60	0.0374	0.4191
29	-1.20	0.0219	0.2959	29	-1.20	0.	0.	29	-0.40	0.0331	0.4522
30	-1.10	0.0212	0.3171	30	-1.10	0.0006	0.0006	30	-0.20	0.0330	0.4853
31	-1.00	0.0200	0.3371	31	-1.00	0.0014	0.0020	31	0.	0.0328	0.5181
32	-0.90	0.0179	0.3550	32	-0.90	0.0019	0.0040	32	0.20	0.0365	0.5546
33	-0.80	0.0175	0.3725	33	-0.80	0.0066	0.0105	33	0.40	0.0355	0.5900
34	-0.70	0.0175	0.3900	34	-0.70	0.0129	0.0234	34	0.60	0.0366	0.6267
35	-0.60	0.0178	0.4078	35	-0.60	0.0168	0.0402	35	0.80	0.0369	0.6635
36	-0.50	0.0166	0.4244	36	-0.50	0.0322	0.0724	36	1.00	0.0434	0.7069
37	-0.40	0.0175	0.4419	37	-0.40	0.0375	0.1299	37	1.20	0.0455	0.7524
38	-0.30	0.0163	0.4582	38	-0.30	0.0807	0.2106	38	1.40	0.0466	0.7990
39	-0.20	0.0156	0.4738	39	-0.20	0.1043	0.3149	39	1.60	0.0470	0.8460
40	-0.10	0.0175	0.4913	40	-0.10	0.1328	0.4477	40	1.80	0.0394	0.8854
41	0.	0.0174	0.5087	41	0.	0.1318	0.5795	41	2.00	0.0326	0.9180
42	0.10	0.0165	0.5252	42	0.10	0.1164	0.6960	42	2.20	0.0245	0.9425
43	0.20	0.0186	0.5438	43	0.20	0.0981	0.7940	43	2.40	0.0198	0.9623
44	0.30	0.0167	0.5605	44	0.30	0.0766	0.8707	44	2.60	0.0138	0.9761
45	0.40	0.0173	0.5778	45	0.40	0.0511	0.9218	45	2.80	0.0097	0.9858
46	0.50	0.0156	0.5935	46	0.50	0.0325	0.9542	46	3.00	0.0060	0.9919
47	0.60	0.0179	0.6114	47	0.60	0.0209	0.9752	47	3.20	0.0043	0.9961
48	0.70	0.0190	0.6303	48	0.70	0.0120	0.9872	48	3.40	0.0018	0.9979
49	0.80	0.0197	0.6500	49	0.80	0.0067	0.9939	49	3.60	0.0013	0.9992
50	0.90	0.0221	0.6722	50	0.90	0.0035	0.9973	50	3.80	0.0005	0.9997
51	1.00	0.0202	0.6924	51	1.00	0.0019	0.9992	51	4.00	0.0002	0.9999
52	1.10	0.0235	0.7159	52	1.10	0.0002	0.9994	52	4.20	0.0001	1.0000
53	1.20	0.0247	0.7406	53	1.20	0.0004	0.9999	53	4.40	0.	1.0000
54	1.30	0.0272	0.7678	54	1.30	0.0001	0.9999	54	4.60	0.	1.0000
55	1.40	0.0248	0.7926	55	1.40	0.0001	1.0000	55	4.80	0.	1.0000
56	1.50	0.0241	0.8167	56	1.50	0.	1.0000	56	5.00	0.	1.0000
57	1.60	0.0246	0.8413	57	1.60	0.	1.0000	57	5.20	0.	1.0000
58	1.70	0.0209	0.8623	58	1.70	0.	1.0000	58	5.40	0.	1.0000
59	1.80	0.0198	0.8821	59	1.80	0.	1.0000	59	5.60	0.	1.0000
60	1.90	0.0185	0.9005	60	1.90	0.	1.0000	60	5.80	0.	1.0000
61	2.00	0.0166	0.9172	61	2.00	0.	1.0000	61	6.00	0.	1.0000
62	2.10	0.0150	0.9322	62	2.10	0.	1.0000				
63	2.20	0.0115	0.9437	63	2.20	0.	1.0000				
64	2.30	0.0108	0.9545	64	2.30	0.	1.0000				
65	2.40	0.0089	0.9634	65	2.40	0.	1.0000				
66	2.50	0.0082	0.9716	66	2.50	0.	1.0000				
67	2.60	0.0065	0.9781	67	2.60	0.	1.0000				
68	2.70	0.0056	0.9837	68	2.70	0.	1.0000				
69	2.80	0.0044	0.9881	69	2.80	0.	1.0000				
70	2.90	0.0030	0.9912	70	2.90	0.	1.0000				
71	3.00	0.0032	0.9943	71	3.00	0.	1.0000				
72	3.10	0.0023	0.9967	72	3.10	0.	1.0000				
73	3.20	0.0023	0.9989	73	3.20	0.	1.0000				
74	3.30	0.0010	0.9999	74	3.30	0.	1.0000				
75	3.40	0.0001	1.0000	75	3.40	0.	1.0000				
76	3.50	0.	1.0000	76	3.50	0.	1.0000				
77	3.60	0.	1.0000	77	3.60	0.	1.0000				
78	3.70	0.	1.0000	78	3.70	0.	1.0000				
79	3.80	0.	1.0000	79	3.80	0.	1.0000				
80	3.90	0.	1.0000	80	3.90	0.	1.0000				
81	4.00	0.	1.0000	81	4.00	0.	1.0000				

I - INTERVAL NUMBER X - INTERVAL CENTER VALUE

P(X) - PROBABILITY MASS FUNCTION F(X) - CUMULATIVE DISTRIBUTION FUNCTION

SOUTHPORT N.C.

STATISTICS FOR JUNE

ASTRONOMICAL TIDE				STORM SURGE				TOTAL WATER LEVEL			
MEAN-0.00		STND DEV 1.48		MEAN 0.05		STND DEV 0.30		MEAN 0.05		STND DEV 1.51	
I	X	P(X)	F(X)	I	X	P(X)	F(X)	I	X	P(X)	F(X)
1	-4.00	0.	0.	1	-4.00	0.	0.	1	-6.00	0.	0.
2	-3.90	0.	0.	2	-3.90	0.	0.	2	-5.80	0.	0.
3	-3.80	0.	0.	3	-3.80	0.	0.	3	-5.60	0.	0.
4	-3.70	0.	0.	4	-3.70	0.	0.	4	-5.40	0.	0.
5	-3.60	0.	0.	5	-3.60	0.	0.	5	-5.20	0.	0.
6	-3.50	0.	0.	6	-3.50	0.	0.	6	-5.00	0.	0.
7	-3.40	0.	0.	7	-3.40	0.	0.	7	-4.80	0.	0.
8	-3.30	0.	0.	8	-3.30	0.	0.	8	-4.60	0.	0.
9	-3.20	0.	0.	9	-3.20	0.	0.	9	-4.40	0.	0.
10	-3.10	0.	0.	10	-3.10	0.	0.	10	-4.20	0.	0.
11	-3.00	0.	0.	11	-3.00	0.	0.	11	-4.00	0.	0.
12	-2.90	0.0004	0.0004	12	-2.90	0.	0.	12	-3.80	0.	0.
13	-2.80	0.0010	0.0014	13	-2.80	0.	0.	13	-3.60	0.	0.
14	-2.70	0.0028	0.0042	14	-2.70	0.	0.	14	-3.40	0.	0.
15	-2.60	0.0037	0.0078	15	-2.60	0.	0.	15	-3.20	0.0002	0.0002
16	-2.50	0.0062	0.0140	16	-2.50	0.	0.	16	-3.00	0.0021	0.0023
17	-2.40	0.0082	0.0222	17	-2.40	0.	0.	17	-2.80	0.0048	0.0071
18	-2.30	0.0142	0.0364	18	-2.30	0.	0.	18	-2.60	0.0097	0.0168
19	-2.20	0.0158	0.0522	19	-2.20	0.	0.	19	-2.40	0.0174	0.0342
20	-2.10	0.0206	0.0728	20	-2.10	0.	0.	20	-2.20	0.0294	0.0636
21	-2.00	0.0229	0.0957	21	-2.00	0.	0.	21	-2.00	0.0370	0.1006
22	-1.90	0.0266	0.1223	22	-1.90	0.	0.	22	-1.80	0.0521	0.1527
23	-1.80	0.0289	0.1512	23	-1.80	0.	0.	23	-1.60	0.0504	0.2032
24	-1.70	0.0285	0.1797	24	-1.70	0.	0.	24	-1.40	0.0458	0.2490
25	-1.60	0.0242	0.2039	25	-1.60	0.	0.	25	-1.20	0.0446	0.2936
26	-1.50	0.0249	0.2288	26	-1.50	0.	0.	26	-1.00	0.0403	0.3339
27	-1.40	0.0224	0.2512	27	-1.40	0.	0.	27	-0.80	0.0395	0.3733
28	-1.30	0.0240	0.2753	28	-1.30	0.	0.	28	-0.60	0.0369	0.4102
29	-1.20	0.0208	0.2961	29	-1.20	0.	0.	29	-0.40	0.0338	0.4440
30	-1.10	0.0213	0.3174	30	-1.10	0.	0.	30	-0.20	0.0338	0.4779
31	-1.00	0.0195	0.3369	31	-1.00	0.	0.	31	0.	0.0330	0.5109
32	-0.90	0.0181	0.3550	32	-0.90	0.0001	0.0001	32	0.20	0.0336	0.5445
33	-0.80	0.0181	0.3731	33	-0.80	0.0011	0.0012	33	0.40	0.0350	0.5794
34	-0.70	0.0172	0.3903	34	-0.70	0.0040	0.0052	34	0.60	0.0362	0.6156
35	-0.60	0.0174	0.4077	35	-0.60	0.0096	0.0148	35	0.80	0.0386	0.6543
36	-0.50	0.0185	0.4262	36	-0.50	0.0186	0.0333	36	1.00	0.0411	0.6954
37	-0.40	0.0175	0.4437	37	-0.40	0.0401	0.0735	37	1.20	0.0457	0.7410
38	-0.30	0.0164	0.4601	38	-0.30	0.0713	0.1448	38	1.40	0.0474	0.7884
39	-0.20	0.0162	0.4762	39	-0.20	0.1235	0.2683	39	1.60	0.0471	0.8356
40	-0.10	0.0163	0.4925	40	-0.10	0.1306	0.3989	40	1.80	0.0389	0.8744
41	0.	0.0149	0.5075	41	0.	0.1378	0.5367	41	2.00	0.0358	0.9102
42	0.10	0.0170	0.5245	42	0.10	0.1201	0.6569	42	2.20	0.0297	0.9399
43	0.20	0.0171	0.5416	43	0.20	0.1014	0.7583	43	2.40	0.0195	0.9594
44	0.30	0.0165	0.5581	44	0.30	0.0819	0.8401	44	2.60	0.0162	0.9756
45	0.40	0.0194	0.5775	45	0.40	0.0628	0.9029	45	2.80	0.0106	0.9862
46	0.50	0.0176	0.5951	46	0.50	0.0431	0.9459	46	3.00	0.0078	0.9940
47	0.60	0.0185	0.6136	47	0.60	0.0240	0.9699	47	3.20	0.0033	0.9974
48	0.70	0.0181	0.6317	48	0.70	0.0136	0.9836	48	3.40	0.0018	0.9992
49	0.80	0.0175	0.6493	49	0.80	0.0088	0.9923	49	3.60	0.0007	0.9998
50	0.90	0.0183	0.6675	50	0.90	0.0052	0.9975	50	3.80	0.0002	1.0000
51	1.00	0.0239	0.6915	51	1.00	0.0016	0.9991	51	4.00	0.	1.0000
52	1.10	0.0240	0.7155	52	1.10	0.0007	0.9998	52	4.20	0.	1.0000
53	1.20	0.0259	0.7414	53	1.20	0.0002	1.0000	53	4.40	0.	1.0000
54	1.30	0.0269	0.7683	54	1.30	0.	1.0000	54	4.60	0.	1.0000
55	1.40	0.0269	0.7952	55	1.40	0.	1.0000	55	4.80	0.	1.0000
56	1.50	0.0249	0.8200	56	1.50	0.	1.0000	56	5.00	0.	1.0000
57	1.60	0.0243	0.8443	57	1.60	0.	1.0000	57	5.20	0.	1.0000
58	1.70	0.0216	0.8659	58	1.70	0.	1.0000	58	5.40	0.	1.0000
59	1.80	0.0192	0.8851	59	1.80	0.	1.0000	59	5.60	0.	1.0000
60	1.90	0.0167	0.9018	60	1.90	0.	1.0000	60	5.80	0.	1.0000
61	2.00	0.0155	0.9173	61	2.00	0.	1.0000	61	6.00	0.	1.0000
62	2.10	0.0125	0.9298	62	2.10	0.	1.0000				
63	2.20	0.0119	0.9417	63	2.20	0.	1.0000				
64	2.30	0.0102	0.9520	64	2.30	0.	1.0000				
65	2.40	0.0108	0.9628	65	2.40	0.	1.0000				
66	2.50	0.0083	0.9711	66	2.50	0.	1.0000				
67	2.60	0.0074	0.9785	67	2.60	0.	1.0000				
68	2.70	0.0062	0.9847	68	2.70	0.	1.0000				
69	2.80	0.0037	0.9884	69	2.80	0.	1.0000				
70	2.90	0.0048	0.9933	70	2.90	0.	1.0000				
71	3.00	0.0023	0.9956	71	3.00	0.	1.0000				
72	3.10	0.0021	0.9977	72	3.10	0.	1.0000				
73	3.20	0.0016	0.9993	73	3.20	0.	1.0000				
74	3.30	0.0007	1.0000	74	3.30	0.	1.0000				
75	3.40	0.	1.0000	75	3.40	0.	1.0000				
76	3.50	0.	1.0000	76	3.50	0.	1.0000				
77	3.60	0.	1.0000	77	3.60	0.	1.0000				
78	3.70	0.	1.0000	78	3.70	0.	1.0000				
79	3.80	0.	1.0000	79	3.80	0.	1.0000				
80	3.90	0.	1.0000	80	3.90	0.	1.0000				
81	4.00	0.	1.0000	81	4.00	0.	1.0000				

I - INTERVAL NUMBER X - INTERVAL CENTER VALUE

P(X) - PROBABILITY MASS FUNCTION F(X) - CUMULATIVE DISTRIBUTION FUNCTION

SOUTHPORT N.C.

STATISTICS FOR JULY

ASTRONOMICAL TIDE				STORM SURGE				TOTAL WATER LEVEL			
MEAN-0.00		STND DEV 1.48		MEAN-0.02		STND DEV 0.30		MEAN-0.03		STND DEV 1.51	
I	X	P(X)	F(X)	I	X	P(X)	F(X)	I	X	P(X)	F(X)
1	-4.00	0.	0.	1	-4.00	0.	0.	1	-6.00	0.	0.
2	-3.90	0.	0.	2	-3.90	0.	0.	2	-5.80	0.	0.
3	-3.80	0.	0.	3	-3.80	0.	0.	3	-5.60	0.	0.
4	-3.70	0.	0.	4	-3.70	0.	0.	4	-5.40	0.	0.
5	-3.60	0.	0.	5	-3.60	0.	0.	5	-5.20	0.	0.
6	-3.50	0.	0.	6	-3.50	0.	0.	6	-5.00	0.	0.
7	-3.40	0.	0.	7	-3.40	0.	0.	7	-4.80	0.	0.
8	-3.30	0.	0.	8	-3.30	0.	0.	8	-4.60	0.	0.
9	-3.20	0.	0.	9	-3.20	0.	0.	9	-4.40	0.	0.
10	-3.10	0.	0.	10	-3.10	0.	0.	10	-4.20	0.	0.
11	-3.00	0.	0.	11	-3.00	0.	0.	11	-4.00	0.	0.
12	-2.90	0.0005	0.0005	12	-2.90	0.	0.	12	-3.80	0.	0.
13	-2.80	0.0013	0.0018	13	-2.80	0.	0.	13	-3.60	0.	0.
14	-2.70	0.0028	0.0045	14	-2.70	0.	0.	14	-3.40	0.	0.
15	-2.60	0.0041	0.0086	15	-2.60	0.	0.	15	-3.20	0.0007	0.0007
16	-2.50	0.0069	0.0156	16	-2.50	0.	0.	16	-3.00	0.0018	0.0025
17	-2.40	0.0086	0.0241	17	-2.40	0.	0.	17	-2.80	0.0053	0.0078
18	-2.30	0.0154	0.0395	18	-2.30	0.	0.	18	-2.60	0.0127	0.0205
19	-2.20	0.0152	0.0547	19	-2.20	0.	0.	19	-2.40	0.0242	0.0447
20	-2.10	0.0201	0.0748	20	-2.10	0.	0.	20	-2.20	0.0329	0.0776
21	-2.00	0.0235	0.0983	21	-2.00	0.	0.	21	-2.00	0.0427	0.1203
22	-1.90	0.0266	0.1249	22	-1.90	0.	0.	22	-1.80	0.0492	0.1695
23	-1.80	0.0276	0.1525	23	-1.80	0.	0.	23	-1.60	0.0545	0.2240
24	-1.70	0.0269	0.1793	24	-1.70	0.	0.	24	-1.40	0.0451	0.2691
25	-1.60	0.0227	0.2020	25	-1.60	0.	0.	25	-1.20	0.0425	0.3116
26	-1.50	0.0265	0.2285	26	-1.50	0.	0.	26	-1.00	0.0386	0.3502
27	-1.40	0.0215	0.2500	27	-1.40	0.	0.	27	-0.80	0.0380	0.3882
28	-1.30	0.0238	0.2738	28	-1.30	0.	0.	28	-0.60	0.0340	0.4223
29	-1.20	0.0235	0.2973	29	-1.20	0.0001	0.0001	29	-0.40	0.0346	0.4569
30	-1.10	0.0199	0.3171	30	-1.10	0.	0.0001	30	-0.20	0.0336	0.4905
31	-1.00	0.0172	0.3343	31	-1.00	0.0001	0.0002	31	0.	0.0340	0.5245
32	-0.90	0.0197	0.3540	32	-0.90	0.0002	0.0003	32	0.20	0.0324	0.5569
33	-0.80	0.0190	0.3730	33	-0.80	0.0019	0.0022	33	0.40	0.0360	0.5929
34	-0.70	0.0180	0.3910	34	-0.70	0.0067	0.0089	34	0.60	0.0375	0.6304
35	-0.60	0.0180	0.4090	35	-0.60	0.0173	0.0262	35	0.80	0.0415	0.6719
36	-0.50	0.0161	0.4251	36	-0.50	0.0401	0.0662	36	1.00	0.0385	0.7104
37	-0.40	0.0154	0.4404	37	-0.40	0.0638	0.1300	37	1.20	0.0460	0.7565
38	-0.30	0.0173	0.4577	38	-0.30	0.0989	0.2289	38	1.40	0.0455	0.8020
39	-0.20	0.0176	0.4753	39	-0.20	0.1278	0.3567	39	1.60	0.0417	0.8437
40	-0.10	0.0175	0.4929	40	-0.10	0.1401	0.4968	40	1.80	0.0411	0.8847
41	0.	0.0168	0.5097	41	0.	0.1275	0.6243	41	2.00	0.0321	0.9169
42	0.10	0.0152	0.5249	42	0.10	0.1036	0.7278	42	2.20	0.0297	0.9466
43	0.20	0.0156	0.5405	43	0.20	0.0841	0.8119	43	2.40	0.0208	0.9674
44	0.30	0.0184	0.5589	44	0.30	0.0683	0.8802	44	2.60	0.0129	0.9803
45	0.40	0.0171	0.5759	45	0.40	0.0530	0.9332	45	2.80	0.0101	0.9904
46	0.50	0.0178	0.5937	46	0.50	0.0343	0.9675	46	3.00	0.0054	0.9958
47	0.60	0.0183	0.6121	47	0.60	0.0185	0.9860	47	3.20	0.0028	0.9986
48	0.70	0.0184	0.6305	48	0.70	0.0082	0.9943	48	3.40	0.0010	0.9995
49	0.80	0.0190	0.6495	49	0.80	0.0044	0.9986	49	3.60	0.0005	1.0000
50	0.90	0.0205	0.6700	50	0.90	0.0013	0.9999	50	3.80	0.	1.0000
51	1.00	0.0222	0.6922	51	1.00	0.0001	1.0000	51	4.00	0.	1.0000
52	1.10	0.0236	0.7158	52	1.10	0.	1.0000	52	4.20	0.	1.0000
53	1.20	0.0233	0.7390	53	1.20	0.	1.0000	53	4.40	0.	1.0000
54	1.30	0.0253	0.7643	54	1.30	0.	1.0000	54	4.60	0.	1.0000
55	1.40	0.0252	0.7895	55	1.40	0.	1.0000	55	4.80	0.	1.0000
56	1.50	0.0267	0.8162	56	1.50	0.	1.0000	56	5.00	0.	1.0000
57	1.60	0.0234	0.8396	57	1.60	0.	1.0000	57	5.20	0.	1.0000
58	1.70	0.0208	0.8604	58	1.70	0.	1.0000	58	5.40	0.	1.0000
59	1.80	0.0196	0.8800	59	1.80	0.	1.0000	59	5.60	0.	1.0000
60	1.90	0.0186	0.8986	60	1.90	0.	1.0000	60	5.80	0.	1.0000
61	2.00	0.0171	0.9157	61	2.00	0.	1.0000	61	6.00	0.	1.0000
62	2.10	0.0155	0.9312	62	2.10	0.	1.0000				
63	2.20	0.0146	0.9458	63	2.20	0.	1.0000				
64	2.30	0.0127	0.9585	64	2.30	0.	1.0000				
65	2.40	0.0099	0.9684	65	2.40	0.	1.0000				
66	2.50	0.0086	0.9769	66	2.50	0.	1.0000				
67	2.60	0.0064	0.9833	67	2.60	0.	1.0000				
68	2.70	0.0050	0.9883	68	2.70	0.	1.0000				
69	2.80	0.0033	0.9917	69	2.80	0.	1.0000				
70	2.90	0.0035	0.9952	70	2.90	0.	1.0000				
71	3.00	0.0026	0.9977	71	3.00	0.	1.0000				
72	3.10	0.0013	0.9991	72	3.10	0.	1.0000				
73	3.20	0.0009	1.0000	73	3.20	0.	1.0000				
74	3.30	0.	1.0000	74	3.30	0.	1.0000				
75	3.40	0.	1.0000	75	3.40	0.	1.0000				
76	3.50	0.	1.0000	76	3.50	0.	1.0000				
77	3.60	0.	1.0000	77	3.60	0.	1.0000				
78	3.70	0.	1.0000	78	3.70	0.	1.0000				
79	3.80	0.	1.0000	79	3.80	0.	1.0000				
80	3.90	0.	1.0000	80	3.90	0.	1.0000				
81	4.00	0.	1.0000	81	4.00	0.	1.0000				

I - INTERVAL NUMBER X - INTERVAL CENTER VALUE

P(X) - PROBABILITY MASS FUNCTION F(X) - CUMULATIVE DISTRIBUTION FUNCTION

SOUTHPORT N.C.

STATISTICS FOR AUGUST

ASTRONOMICAL TIDE				STORM SURGE				TOTAL WATER LEVEL			
MEAN-0.00		STND DEV 1.48		MEAN 0.04		STND DEV 0.31		MEAN 0.04		STND DEV 1.50	
I	X	P(X)	F(X)	I	X	P(X)	F(X)	I	X	P(X)	F(X)
1	-4.00	0.	0.	1	-4.00	0.	0.	1	-6.00	0.	0.
2	-3.90	0.	0.	2	-3.90	0.	0.	2	-5.80	0.	0.
3	-3.80	0.	0.	3	-3.80	0.	0.	3	-5.60	0.	0.
4	-3.70	0.	0.	4	-3.70	0.	0.	4	-5.40	0.	0.
5	-3.60	0.	0.	5	-3.60	0.	0.	5	-5.20	0.	0.
6	-3.50	0.	0.	6	-3.50	0.	0.	6	-5.00	0.	0.
7	-3.40	0.	0.	7	-3.40	0.	0.	7	-4.80	0.	0.
8	-3.30	0.	0.	8	-3.30	0.	0.	8	-4.60	0.	0.
9	-3.20	0.	0.	9	-3.20	0.	0.	9	-4.40	0.	0.
10	-3.10	0.	0.	10	-3.10	0.	0.	10	-4.20	0.	0.
11	-3.00	0.0003	0.0003	11	-3.00	0.	0.	11	-4.00	0.	0.
12	-2.90	0.0009	0.0012	12	-2.90	0.	0.	12	-3.80	0.	0.
13	-2.80	0.0022	0.0034	13	-2.80	0.	0.	13	-3.60	0.	0.
14	-2.70	0.0038	0.0072	14	-2.70	0.	0.	14	-3.40	0.0003	0.0003
15	-2.60	0.0054	0.0126	15	-2.60	0.	0.	15	-3.20	0.0008	0.0011
16	-2.50	0.0074	0.0200	16	-2.50	0.	0.	16	-3.00	0.0013	0.0025
17	-2.40	0.0089	0.0289	17	-2.40	0.	0.	17	-2.80	0.0043	0.0067
18	-2.30	0.0120	0.0409	18	-2.30	0.	0.	18	-2.60	0.0099	0.0166
19	-2.20	0.0146	0.0555	19	-2.20	0.	0.	19	-2.40	0.0195	0.0361
20	-2.10	0.0193	0.0748	20	-2.10	0.	0.	20	-2.20	0.0282	0.0643
21	-2.00	0.0250	0.0998	21	-2.00	0.	0.	21	-2.00	0.0408	0.1051
22	-1.90	0.0246	0.1244	22	-1.90	0.	0.	22	-1.80	0.0472	0.1523
23	-1.80	0.0247	0.1491	23	-1.80	0.	0.	23	-1.60	0.0459	0.1982
24	-1.70	0.0264	0.1755	24	-1.70	0.	0.	24	-1.40	0.0490	0.2472
25	-1.60	0.0261	0.2016	25	-1.60	0.	0.	25	-1.20	0.0451	0.2922
26	-1.50	0.0257	0.2273	26	-1.50	0.	0.	26	-1.00	0.0418	0.3340
27	-1.40	0.0221	0.2494	27	-1.40	0.	0.	27	-0.80	0.0374	0.3714
28	-1.30	0.0219	0.2714	28	-1.30	0.	0.	28	-0.60	0.0371	0.4085
29	-1.20	0.0229	0.2942	29	-1.20	0.	0.	29	-0.40	0.0345	0.4430
30	-1.10	0.0212	0.3154	30	-1.10	0.0001	0.0001	30	-0.20	0.0358	0.4788
31	-1.00	0.0193	0.3347	31	-1.00	0.0003	0.0004	31	0.	0.0324	0.5112
32	-0.90	0.0179	0.3526	32	-0.90	0.0025	0.0028	32	0.20	0.0354	0.5466
33	-0.80	0.0188	0.3714	33	-0.80	0.0057	0.0085	33	0.40	0.0369	0.5835
34	-0.70	0.0197	0.3911	34	-0.70	0.0067	0.0152	34	0.60	0.0336	0.6171
35	-0.60	0.0149	0.4060	35	-0.60	0.0110	0.0262	35	0.80	0.0378	0.6549
36	-0.50	0.0186	0.4246	36	-0.50	0.0262	0.0524	36	1.00	0.0422	0.6971
37	-0.40	0.0169	0.4415	37	-0.40	0.0410	0.0934	37	1.20	0.0445	0.7416
38	-0.30	0.0161	0.4576	38	-0.30	0.0728	0.1661	38	1.40	0.0472	0.7888
39	-0.20	0.0161	0.4738	39	-0.20	0.1003	0.2664	39	1.60	0.0463	0.8352
40	-0.10	0.0168	0.4906	40	-0.10	0.1260	0.3924	40	1.80	0.0400	0.8752
41	0.	0.0165	0.5071	41	0.	0.1312	0.5237	41	2.00	0.0376	0.9127
42	0.10	0.0178	0.5248	42	0.10	0.1304	0.6541	42	2.20	0.0293	0.9420
43	0.20	0.0161	0.5410	43	0.20	0.1068	0.7609	43	2.40	0.0229	0.9649
44	0.30	0.0175	0.5585	44	0.30	0.0850	0.8459	44	2.60	0.0154	0.9803
45	0.40	0.0171	0.5756	45	0.40	0.0587	0.9046	45	2.80	0.0099	0.9902
46	0.50	0.0174	0.5930	46	0.50	0.0390	0.9436	46	3.00	0.0054	0.9956
47	0.60	0.0178	0.6108	47	0.60	0.0243	0.9679	47	3.20	0.0028	0.9984
48	0.70	0.0185	0.6292	48	0.70	0.0130	0.9809	48	3.40	0.0014	0.9998
49	0.80	0.0206	0.6498	49	0.80	0.0095	0.9904	49	3.60	0.0002	1.0000
50	0.90	0.0203	0.6701	50	0.90	0.0064	0.9968	50	3.80	0.	1.0000
51	1.00	0.0214	0.6915	51	1.00	0.0025	0.9992	51	4.00	0.	1.0000
52	1.10	0.0219	0.7134	52	1.10	0.0006	0.9998	52	4.20	0.	1.0000
53	1.20	0.0241	0.7376	53	1.20	0.0001	0.9999	53	4.40	0.	1.0000
54	1.30	0.0231	0.7607	54	1.30	0.	0.9999	54	4.60	0.	1.0000
55	1.40	0.0238	0.7845	55	1.40	0.	0.9999	55	4.80	0.	1.0000
56	1.50	0.0242	0.8086	56	1.50	0.0001	1.0000	56	5.00	0.	1.0000
57	1.60	0.0234	0.8321	57	1.60	0.	1.0000	57	5.20	0.	1.0000
58	1.70	0.0240	0.8560	58	1.70	0.	1.0000	58	5.40	0.	1.0000
59	1.80	0.0214	0.8775	59	1.80	0.	1.0000	59	5.60	0.	1.0000
60	1.90	0.0191	0.8966	60	1.90	0.	1.0000	60	5.80	0.	1.0000
61	2.00	0.0180	0.9146	61	2.00	0.	1.0000	61	6.00	0.	1.0000
62	2.10	0.0178	0.9324	62	2.10	0.	1.0000				
63	2.20	0.0165	0.9488	63	2.20	0.	1.0000				
64	2.30	0.0154	0.9643	64	2.30	0.	1.0000				
65	2.40	0.0096	0.9738	65	2.40	0.	1.0000				
66	2.50	0.0084	0.9822	66	2.50	0.	1.0000				
67	2.60	0.0052	0.9873	67	2.60	0.	1.0000				
68	2.70	0.0044	0.9917	68	2.70	0.	1.0000				
69	2.80	0.0035	0.9953	69	2.80	0.	1.0000				
70	2.90	0.0021	0.9973	70	2.90	0.	1.0000				
71	3.00	0.0020	0.9993	71	3.00	0.	1.0000				
72	3.10	0.0006	0.9999	72	3.10	0.	1.0000				
73	3.20	0.0001	1.0000	73	3.20	0.	1.0000				
74	3.30	0.	1.0000	74	3.30	0.	1.0000				
75	3.40	0.	1.0000	75	3.40	0.	1.0000				
76	3.50	0.	1.0000	76	3.50	0.	1.0000				
77	3.60	0.	1.0000	77	3.60	0.	1.0000				
78	3.70	0.	1.0000	78	3.70	0.	1.0000				
79	3.80	0.	1.0000	79	3.80	0.	1.0000				
80	3.90	0.	1.0000	80	3.90	0.	1.0000				
81	4.00	0.	1.0000	81	4.00	0.	1.0000				

I - INTERVAL NUMBER X - INTERVAL CENTER VALUE

P(X) - PROBABILITY MASS FUNCTION F(X) - CUMULATIVE DISTRIBUTION FUNCTION

SOUTHPORT N.C.

STATISTICS FOR SEPTEMBER

ASTRONOMICAL TIDE				STORM SURGE				TOTAL WATER LEVEL			
MEAN-0.00		STND DEV 1.48		MEAN 0.32		STND DEV 0.30		MEAN 0.31		STND DEV 1.51	
I	X	P(X)	F(X)	I	X	P(X)	F(X)	I	X	P(X)	F(X)
1	-4.00	0.	0.	1	-4.00	0.	0.	1	-6.00	0.	0.
2	-3.90	0.	0.	2	-3.90	0.	0.	2	-5.80	0.	0.
3	-3.80	0.	0.	3	-3.80	0.	0.	3	-5.60	0.	0.
4	-3.70	0.	0.	4	-3.70	0.	0.	4	-5.40	0.	0.
5	-3.60	0.	0.	5	-3.60	0.	0.	5	-5.20	0.	0.
6	-3.50	0.	0.	6	-3.50	0.	0.	6	-5.00	0.	0.
7	-3.40	0.	0.	7	-3.40	0.	0.	7	-4.80	0.	0.
8	-3.30	0.	0.	8	-3.30	0.	0.	8	-4.60	0.	0.
9	-3.20	0.	0.	9	-3.20	0.	0.	9	-4.40	0.	0.
10	-3.10	0.0001	0.0001	10	-3.10	0.	0.	10	-4.20	0.	0.
11	-3.00	0.0004	0.0004	11	-3.00	0.	0.	11	-4.00	0.	0.
12	-2.90	0.0018	0.0022	12	-2.90	0.	0.	12	-3.80	0.	0.
13	-2.80	0.0037	0.0059	13	-2.80	0.	0.	13	-3.60	0.	0.
14	-2.70	0.0045	0.0103	14	-2.70	0.	0.	14	-3.40	0.	0.
15	-2.60	0.0069	0.0172	15	-2.60	0.	0.	15	-3.20	0.	0.
16	-2.50	0.0075	0.0247	16	-2.50	0.	0.	16	-3.00	0.	0.
17	-2.40	0.0076	0.0323	17	-2.40	0.	0.	17	-2.80	0.0015	0.0015
18	-2.30	0.0119	0.0442	18	-2.30	0.	0.	18	-2.60	0.0045	0.0060
19	-2.20	0.0152	0.0594	19	-2.20	0.	0.	19	-2.40	0.0101	0.0161
20	-2.10	0.0174	0.0768	20	-2.10	0.	0.	20	-2.20	0.0174	0.0334
21	-2.00	0.0227	0.0995	21	-2.00	0.	0.	21	-2.00	0.0270	0.0604
22	-1.90	0.0231	0.1226	22	-1.90	0.	0.	22	-1.80	0.0362	0.0967
23	-1.80	0.0229	0.1455	23	-1.80	0.	0.	23	-1.60	0.0426	0.1392
24	-1.70	0.0267	0.1722	24	-1.70	0.	0.	24	-1.40	0.0465	0.1858
25	-1.60	0.0271	0.1992	25	-1.60	0.	0.	25	-1.20	0.0465	0.2323
26	-1.50	0.0248	0.2240	26	-1.50	0.	0.	26	-1.00	0.0439	0.2762
27	-1.40	0.0228	0.2468	27	-1.40	0.	0.	27	-0.80	0.0435	0.3197
28	-1.30	0.0243	0.2711	28	-1.30	0.	0.	28	-0.60	0.0403	0.3599
29	-1.20	0.0220	0.2931	29	-1.20	0.	0.	29	-0.40	0.0354	0.3953
30	-1.10	0.0214	0.3145	30	-1.10	0.	0.	30	-0.20	0.0341	0.4294
31	-1.00	0.0191	0.3336	31	-1.00	0.0003	0.0003	31	0.	0.0368	0.4662
32	-0.90	0.0202	0.3537	32	-0.90	0.	0.0003	32	0.20	0.0315	0.4978
33	-0.80	0.0186	0.3724	33	-0.80	0.0003	0.0005	33	0.40	0.0349	0.5327
34	-0.70	0.0165	0.3889	34	-0.70	0.0008	0.0013	34	0.60	0.0322	0.5649
35	-0.60	0.0167	0.4056	35	-0.60	0.0007	0.0020	35	0.80	0.0351	0.6000
36	-0.50	0.0179	0.4235	36	-0.50	0.0023	0.0043	36	1.00	0.0370	0.6369
37	-0.40	0.0163	0.4398	37	-0.40	0.0058	0.0101	37	1.20	0.0392	0.6761
38	-0.30	0.0179	0.4577	38	-0.30	0.0153	0.0254	38	1.40	0.0449	0.7210
39	-0.20	0.0174	0.4751	39	-0.20	0.0343	0.0597	39	1.60	0.0451	0.7661
40	-0.10	0.0146	0.4896	40	-0.10	0.0543	0.1140	40	1.80	0.0469	0.8130
41	0.	0.0156	0.5053	41	0.	0.0830	0.1970	41	2.00	0.0424	0.8554
42	0.10	0.0197	0.5249	42	0.10	0.1005	0.2974	42	2.20	0.0422	0.8976
43	0.20	0.0171	0.5420	43	0.20	0.1198	0.4172	43	2.40	0.0354	0.9330
44	0.30	0.0170	0.5590	44	0.30	0.1304	0.5476	44	2.60	0.0282	0.9612
45	0.40	0.0169	0.5759	45	0.40	0.1231	0.6707	45	2.80	0.0161	0.9774
46	0.50	0.0166	0.5925	46	0.50	0.1103	0.7810	46	3.00	0.0106	0.9880
47	0.60	0.0192	0.6117	47	0.60	0.0860	0.8669	47	3.20	0.0073	0.9952
48	0.70	0.0178	0.6295	48	0.70	0.0571	0.9240	48	3.40	0.0034	0.9986
49	0.80	0.0197	0.6491	49	0.80	0.0343	0.9583	49	3.60	0.0010	0.9996
50	0.90	0.0215	0.6706	50	0.90	0.0229	0.9812	50	3.80	0.0004	1.0000
51	1.00	0.0229	0.6936	51	1.00	0.0108	0.9920	51	4.00	0.	1.0000
52	1.10	0.0224	0.7159	52	1.10	0.0059	0.9979	52	4.20	0.	1.0000
53	1.20	0.0212	0.7371	53	1.20	0.0016	0.9994	53	4.40	0.	1.0000
54	1.30	0.0235	0.7607	54	1.30	0.0004	0.9998	54	4.60	0.	1.0000
55	1.40	0.0222	0.7828	55	1.40	0.0001	0.9999	55	4.80	0.	1.0000
56	1.50	0.0236	0.8064	56	1.50	0.0001	1.0000	56	5.00	0.	1.0000
57	1.60	0.0214	0.8279	57	1.60	0.	1.0000	57	5.20	0.	1.0000
58	1.70	0.0219	0.8497	58	1.70	0.	1.0000	58	5.40	0.	1.0000
59	1.80	0.0248	0.8745	59	1.80	0.	1.0000	59	5.60	0.	1.0000
60	1.90	0.0218	0.8963	60	1.90	0.	1.0000	60	5.80	0.	1.0000
61	2.00	0.0203	0.9165	61	2.00	0.	1.0000	61	6.00	0.	1.0000
62	2.10	0.0190	0.9355	62	2.10	0.	1.0000				
63	2.20	0.0169	0.9524	63	2.20	0.	1.0000				
64	2.30	0.0129	0.9653	64	2.30	0.	1.0000				
65	2.40	0.0079	0.9732	65	2.40	0.	1.0000				
66	2.50	0.0080	0.9812	66	2.50	0.	1.0000				
67	2.60	0.0073	0.9885	67	2.60	0.	1.0000				
68	2.70	0.0051	0.9936	68	2.70	0.	1.0000				
69	2.80	0.0029	0.9966	69	2.80	0.	1.0000				
70	2.90	0.0023	0.9989	70	2.90	0.	1.0000				
71	3.00	0.0008	0.9997	71	3.00	0.	1.0000				
72	3.10	0.0003	1.0000	72	3.10	0.	1.0000				
73	3.20	0.	1.0000	73	3.20	0.	1.0000				
74	3.30	0.	1.0000	74	3.30	0.	1.0000				
75	3.40	0.	1.0000	75	3.40	0.	1.0000				
76	3.50	0.	1.0000	76	3.50	0.	1.0000				
77	3.60	0.	1.0000	77	3.60	0.	1.0000				
78	3.70	0.	1.0000	78	3.70	0.	1.0000				
79	3.80	0.	1.0000	79	3.80	0.	1.0000				
80	3.90	0.	1.0000	80	3.90	0.	1.0000				
81	4.00	0.	1.0000	81	4.00	0.	1.0000				

I - INTERVAL NUMBER X - INTERVAL CENTER VALUE

P(X) - PROBABILITY MASS FUNCTION F(X) - CUMULATIVE DISTRIBUTION FUNCTION

SOUTHPORT N.C.

STATISTICS FOR OCTOBER

ASTRONOMICAL TIDE				STORM SURGE				TOTAL WATER LEVEL			
MEAN-0.00		STND DEV 1.48		MEAN 0.40		STND DEV 0.36		MEAN 0.40		STND DEV 1.52	
I	X	P(X)	F(X)	I	X	P(X)	F(X)	I	X	P(X)	F(X)
1	-4.00	0.	0.	1	-4.00	0.	0.	1	-6.00	0.	0.
2	-3.90	0.	0.	2	-3.90	0.	0.	2	-5.80	0.	0.
3	-3.80	0.	0.	3	-3.80	0.	0.	3	-5.60	0.	0.
4	-3.70	0.	0.	4	-3.70	0.	0.	4	-5.40	0.	0.
5	-3.60	0.	0.	5	-3.60	0.	0.	5	-5.20	0.	0.
6	-3.50	0.	0.	6	-3.50	0.	0.	6	-5.00	0.	0.
7	-3.40	0.	0.	7	-3.40	0.	0.	7	-4.80	0.	0.
8	-3.30	0.	0.	8	-3.30	0.	0.	8	-4.60	0.	0.
9	-3.20	0.	0.	9	-3.20	0.	0.	9	-4.40	0.	0.
10	-3.10	0.	0.	10	-3.10	0.	0.	10	-4.20	0.	0.
11	-3.00	0.0003	0.0003	11	-3.00	0.	0.	11	-4.00	0.	0.
12	-2.90	0.0026	0.0028	12	-2.90	0.	0.	12	-3.80	0.	0.
13	-2.80	0.0039	0.0067	13	-2.80	0.	0.	13	-3.60	0.	0.
14	-2.70	0.0051	0.0118	14	-2.70	0.	0.	14	-3.40	0.	0.
15	-2.60	0.0052	0.0170	15	-2.60	0.	0.	15	-3.20	0.0001	0.0001
16	-2.50	0.0079	0.0249	16	-2.50	0.	0.	16	-3.00	0.0003	0.0004
17	-2.40	0.0090	0.0339	17	-2.40	0.	0.	17	-2.80	0.0015	0.0019
18	-2.30	0.0112	0.0451	18	-2.30	0.	0.	18	-2.60	0.0029	0.0048
19	-2.20	0.0147	0.0598	19	-2.20	0.	0.	19	-2.40	0.0081	0.0129
20	-2.10	0.0166	0.0763	20	-2.10	0.	0.	20	-2.20	0.0132	0.0262
21	-2.00	0.0214	0.0978	21	-2.00	0.	0.	21	-2.00	0.0205	0.0467
22	-1.90	0.0231	0.1208	22	-1.90	0.	0.	22	-1.80	0.0304	0.0771
23	-1.80	0.0248	0.1457	23	-1.80	0.	0.	23	-1.60	0.0404	0.1175
24	-1.70	0.0238	0.1694	24	-1.70	0.	0.	24	-1.40	0.0435	0.1610
25	-1.60	0.0256	0.1950	25	-1.60	0.	0.	25	-1.20	0.0488	0.2098
26	-1.50	0.0278	0.2228	26	-1.50	0.	0.	26	-1.00	0.0476	0.2574
27	-1.40	0.0254	0.2482	27	-1.40	0.	0.	27	-0.80	0.0431	0.3005
28	-1.30	0.0236	0.2718	28	-1.30	0.	0.	28	-0.60	0.0406	0.3411
29	-1.20	0.0229	0.2947	29	-1.20	0.	0.	29	-0.40	0.0389	0.3800
30	-1.10	0.0206	0.3153	30	-1.10	0.	0.	30	-0.20	0.0343	0.4143
31	-1.00	0.0185	0.3338	31	-1.00	0.	0.	31	0.	0.0371	0.4514
32	-0.90	0.0190	0.3527	32	-0.90	0.	0.	32	0.20	0.0335	0.4849
33	-0.80	0.0183	0.3710	33	-0.80	0.0005	0.0005	33	0.40	0.0334	0.5183
34	-0.70	0.0183	0.3893	34	-0.70	0.0005	0.0010	34	0.60	0.0355	0.5539
35	-0.60	0.0175	0.4068	35	-0.60	0.0029	0.0039	35	0.80	0.0340	0.5879
36	-0.50	0.0180	0.4248	36	-0.50	0.0058	0.0097	36	1.00	0.0376	0.6254
37	-0.40	0.0175	0.4424	37	-0.40	0.0111	0.0208	37	1.20	0.0386	0.6640
38	-0.30	0.0147	0.4571	38	-0.30	0.0170	0.0378	38	1.40	0.0437	0.7077
39	-0.20	0.0169	0.4740	39	-0.20	0.0261	0.0639	39	1.60	0.0478	0.7555
40	-0.10	0.0168	0.4907	40	-0.10	0.0387	0.1026	40	1.80	0.0451	0.8006
41	0.	0.0171	0.5079	41	0.	0.0535	0.1561	41	2.00	0.0418	0.8424
42	0.10	0.0163	0.5242	42	0.10	0.0796	0.2357	42	2.20	0.0398	0.8822
43	0.20	0.0164	0.5406	43	0.20	0.0980	0.3337	43	2.40	0.0351	0.9172
44	0.30	0.0163	0.5570	44	0.30	0.1106	0.4443	44	2.60	0.0258	0.9430
45	0.40	0.0189	0.5758	45	0.40	0.1118	0.5560	45	2.80	0.0216	0.9646
46	0.50	0.0182	0.5940	46	0.50	0.1078	0.6638	46	3.00	0.0126	0.9772
47	0.60	0.0176	0.6116	47	0.60	0.1007	0.7645	47	3.20	0.0098	0.9869
48	0.70	0.0177	0.6293	48	0.70	0.0775	0.8421	48	3.40	0.0058	0.9927
49	0.80	0.0211	0.6504	49	0.80	0.0571	0.8991	49	3.60	0.0036	0.9964
50	0.90	0.0225	0.6729	50	0.90	0.0412	0.9403	50	3.80	0.0022	0.9986
51	1.00	0.0197	0.6926	51	1.00	0.0246	0.9649	51	4.00	0.0010	0.9995
52	1.10	0.0217	0.7142	52	1.10	0.0153	0.9801	52	4.20	0.0002	0.9997
53	1.20	0.0259	0.7401	53	1.20	0.0087	0.9889	53	4.40	0.0002	0.9999
54	1.30	0.0224	0.7625	54	1.30	0.0061	0.9950	54	4.60	0.0001	1.0000
55	1.40	0.0204	0.7828	55	1.40	0.0035	0.9985	55	4.80	0.	1.0000
56	1.50	0.0233	0.8062	56	1.50	0.0011	0.9995	56	5.00	0.	1.0000
57	1.60	0.0236	0.8297	57	1.60	0.0005	1.0000	57	5.20	0.	1.0000
58	1.70	0.0231	0.8529	58	1.70	0.	1.0000	58	5.40	0.	1.0000
59	1.80	0.0231	0.8759	59	1.80	0.	1.0000	59	5.60	0.	1.0000
60	1.90	0.0219	0.8978	60	1.90	0.	1.0000	60	5.80	0.	1.0000
61	2.00	0.0189	0.9167	61	2.00	0.	1.0000	61	6.00	0.	1.0000
62	2.10	0.0180	0.9347	62	2.10	0.	1.0000				
63	2.20	0.0157	0.9504	63	2.20	0.	1.0000				
64	2.30	0.0129	0.9633	64	2.30	0.	1.0000				
65	2.40	0.0093	0.9726	65	2.40	0.	1.0000				
66	2.50	0.0074	0.9799	66	2.50	0.	1.0000				
67	2.60	0.0066	0.9865	67	2.60	0.	1.0000				
68	2.70	0.0038	0.9903	68	2.70	0.	1.0000				
69	2.80	0.0028	0.9931	69	2.80	0.	1.0000				
70	2.90	0.0028	0.9959	70	2.90	0.	1.0000				
71	3.00	0.0018	0.9977	71	3.00	0.	1.0000				
72	3.10	0.0017	0.9994	72	3.10	0.	1.0000				
73	3.20	0.0004	0.9999	73	3.20	0.	1.0000				
74	3.30	0.0001	1.0000	74	3.30	0.	1.0000				
75	3.40	0.	1.0000	75	3.40	0.	1.0000				
76	3.50	0.	1.0000	76	3.50	0.	1.0000				
77	3.60	0.	1.0000	77	3.60	0.	1.0000				
78	3.70	0.	1.0000	78	3.70	0.	1.0000				
79	3.80	0.	1.0000	79	3.80	0.	1.0000				
80	3.90	0.	1.0000	80	3.90	0.	1.0000				
81	4.00	0.	1.0000	81	4.00	0.	1.0000				

I - INTERVAL NUMBER X - INTERVAL CENTER VALUE

P(X) - PROBABILITY MASS FUNCTION F(X) - CUMULATIVE DISTRIBUTION FUNCTION

SOUTHPORT N.C.

STATISTICS FOR NOVEMBER

ASTRONOMICAL TIDE				STORM SURGE				TOTAL WATER LEVEL			
MEAN-0.00 STND DEV 1.48				MEAN 0.14 STND DEV 0.42				MEAN 0.14 STND DEV 1.54			
I	X	P(X)	F(X)	I	X	P(X)	F(X)	I	X	P(X)	F(X)
1	-4.00	0.	0.	1	-4.00	0.	0.	1	-6.00	0.	0.
2	-3.90	0.	0.	2	-3.90	0.	0.	2	-5.80	0.	0.
3	-3.80	0.	0.	3	-3.80	0.	0.	3	-5.60	0.	0.
4	-3.70	0.	0.	4	-3.70	0.	0.	4	-5.40	0.	0.
5	-3.60	0.	0.	5	-3.60	0.	0.	5	-5.20	0.	0.
6	-3.50	0.	0.	6	-3.50	0.	0.	6	-5.00	0.	0.
7	-3.40	0.	0.	7	-3.40	0.	0.	7	-4.80	0.	0.
8	-3.30	0.	0.	8	-3.30	0.	0.	8	-4.60	0.	0.
9	-3.20	0.	0.	9	-3.20	0.	0.	9	-4.40	0.	0.
10	-3.10	0.	0.	10	-3.10	0.	0.	10	-4.20	0.	0.
11	-3.00	0.0003	0.0003	11	-3.00	0.	0.	11	-4.00	0.	0.
12	-2.90	0.0009	0.0012	12	-2.90	0.	0.	12	-3.80	0.	0.
13	-2.80	0.0024	0.0036	13	-2.80	0.	0.	13	-3.60	0.0001	0.0001
14	-2.70	0.0034	0.0069	14	-2.70	0.	0.	14	-3.40	0.0003	0.0004
15	-2.60	0.0065	0.0135	15	-2.60	0.	0.	15	-3.20	0.0007	0.0010
16	-2.50	0.0074	0.0208	16	-2.50	0.	0.	16	-3.00	0.0025	0.0035
17	-2.40	0.0083	0.0292	17	-2.40	0.	0.	17	-2.80	0.0055	0.0090
18	-2.30	0.0108	0.0399	18	-2.30	0.	0.	18	-2.60	0.0098	0.0189
19	-2.20	0.0154	0.0553	19	-2.20	0.	0.	19	-2.40	0.0158	0.0347
20	-2.10	0.0178	0.0731	20	-2.10	0.	0.	20	-2.20	0.0245	0.0592
21	-2.00	0.0216	0.0947	21	-2.00	0.	0.	21	-2.00	0.0340	0.0932
22	-1.90	0.0224	0.1172	22	-1.90	0.0001	0.0001	22	-1.80	0.0400	0.1332
23	-1.80	0.0262	0.1434	23	-1.80	0.0001	0.0002	23	-1.60	0.0494	0.1826
24	-1.70	0.0271	0.1705	24	-1.70	0.	0.0002	24	-1.40	0.0488	0.2314
25	-1.60	0.0257	0.1962	25	-1.60	0.0002	0.0003	25	-1.20	0.0455	0.2770
26	-1.50	0.0279	0.2241	26	-1.50	0.0001	0.0004	26	-1.00	0.0404	0.3174
27	-1.40	0.0278	0.2518	27	-1.40	0.0002	0.0005	27	-0.80	0.0373	0.3547
28	-1.30	0.0224	0.2743	28	-1.30	0.0004	0.0009	28	-0.60	0.0362	0.3910
29	-1.20	0.0216	0.2958	29	-1.20	0.0001	0.0010	29	-0.40	0.0368	0.4277
30	-1.10	0.0202	0.3160	30	-1.10	0.0003	0.0013	30	-0.20	0.0338	0.4615
31	-1.00	0.0203	0.3363	31	-1.00	0.0008	0.0020	31	0.	0.0341	0.4955
32	-0.90	0.0200	0.3564	32	-0.90	0.0015	0.0035	32	0.20	0.0331	0.5286
33	-0.80	0.0157	0.3721	33	-0.80	0.0030	0.0065	33	0.40	0.0320	0.5606
34	-0.70	0.0167	0.3887	34	-0.70	0.0098	0.0163	34	0.60	0.0375	0.5981
35	-0.60	0.0192	0.4080	35	-0.60	0.0186	0.0348	35	0.80	0.0375	0.6356
36	-0.50	0.0154	0.4234	36	-0.50	0.0303	0.0652	36	1.00	0.0420	0.6776
37	-0.40	0.0181	0.4415	37	-0.40	0.0455	0.1107	37	1.20	0.0399	0.7175
38	-0.30	0.0171	0.4586	38	-0.30	0.0605	0.1711	38	1.40	0.0423	0.7598
39	-0.20	0.0154	0.4739	39	-0.20	0.0792	0.2503	39	1.60	0.0459	0.8057
40	-0.10	0.0181	0.4920	40	-0.10	0.0903	0.3406	40	1.80	0.0439	0.8496
41	0.	0.0173	0.5093	41	0.	0.0934	0.4340	41	2.00	0.0400	0.8895
42	0.10	0.0156	0.5249	42	0.10	0.0944	0.5283	42	2.20	0.0318	0.9213
43	0.20	0.0173	0.5422	43	0.20	0.0918	0.6202	43	2.40	0.0265	0.9478
44	0.30	0.0162	0.5584	44	0.30	0.0870	0.7071	44	2.60	0.0173	0.9651
45	0.40	0.0169	0.5753	45	0.40	0.0738	0.7809	45	2.80	0.0140	0.9791
46	0.50	0.0171	0.5924	46	0.50	0.0593	0.8403	46	3.00	0.0088	0.9879
47	0.60	0.0176	0.6100	47	0.60	0.0501	0.8904	47	3.20	0.0066	0.9945
48	0.70	0.0209	0.6309	48	0.70	0.0387	0.9290	48	3.40	0.0031	0.9976
49	0.80	0.0186	0.6495	49	0.80	0.0255	0.9545	49	3.60	0.0010	0.9986
50	0.90	0.0208	0.6703	50	0.90	0.0175	0.9721	50	3.80	0.0009	0.9995
51	1.00	0.0215	0.6918	51	1.00	0.0102	0.9823	51	4.00	0.0002	0.9996
52	1.10	0.0229	0.7147	52	1.10	0.0058	0.9881	52	4.20	0.0002	0.9998
53	1.20	0.0234	0.7381	53	1.20	0.0047	0.9928	53	4.40	0.0001	0.9998
54	1.30	0.0256	0.7637	54	1.30	0.0023	0.9951	54	4.60	0.0001	0.9999
55	1.40	0.0238	0.7875	55	1.40	0.0007	0.9958	55	4.80	0.	0.9999
56	1.50	0.0251	0.8126	56	1.50	0.0007	0.9964	56	5.00	0.0001	1.0000
57	1.60	0.0279	0.8404	57	1.60	0.0008	0.9972	57	5.20	0.	1.0000
58	1.70	0.0225	0.8629	58	1.70	0.0006	0.9978	58	5.40	0.	1.0000
59	1.80	0.0200	0.8829	59	1.80	0.0005	0.9983	59	5.60	0.	1.0000
60	1.90	0.0215	0.9044	60	1.90	0.0003	0.9986	60	5.80	0.	1.0000
61	2.00	0.0164	0.9208	61	2.00	0.0003	0.9989	61	6.00	0.	1.0000
62	2.10	0.0159	0.9366	62	2.10	0.0001	0.9990				
63	2.20	0.0133	0.9499	63	2.20	0.0003	0.9993				
64	2.30	0.0118	0.9617	64	2.30	0.0002	0.9994				
65	2.40	0.0088	0.9705	65	2.40	0.0003	0.9997				
66	2.50	0.0064	0.9768	66	2.50	0.0002	0.9999				
67	2.60	0.0057	0.9825	67	2.60	0.	0.9999				
68	2.70	0.0040	0.9865	68	2.70	0.	0.9999				
69	2.80	0.0040	0.9905	69	2.80	0.0001	1.0000				
70	2.90	0.0033	0.9938	70	2.90	0.	1.0000				
71	3.00	0.0029	0.9966	71	3.00	0.	1.0000				
72	3.10	0.0022	0.9988	72	3.10	0.	1.0000				
73	3.20	0.0007	0.9996	73	3.20	0.	1.0000				
74	3.30	0.0004	1.0000	74	3.30	0.	1.0000				
75	3.40	0.	1.0000	75	3.40	0.	1.0000				
76	3.50	0.	1.0000	76	3.50	0.	1.0000				
77	3.60	0.	1.0000	77	3.60	0.	1.0000				
78	3.70	0.	1.0000	78	3.70	0.	1.0000				
79	3.80	0.	1.0000	79	3.80	0.	1.0000				
80	3.90	0.	1.0000	80	3.90	0.	1.0000				
81	4.00	0.	1.0000	81	4.00	0.	1.0000				

I - INTERVAL NUMBER X - INTERVAL CENTER VALUE

P(X) - PROBABILITY MASS FUNCTION F(X) - CUMULATIVE DISTRIBUTION FUNCTION

SOUTHPORT N.C.

STATISTICS FOR DECEMBER

ASTRONOMICAL TIDE				STORM SURGE				TOTAL WATER LEVEL			
MEAN-0.00		STND DEV 1.47		MEAN-0.13		STND DEV 0.40		MEAN-0.13		STND DEV 1.53	
I	X	P(X)	F(X)	I	X	P(X)	F(X)	I	X	P(X)	F(X)
1	-4.00	0.	0.	1	-4.00	0.	0.	1	-6.00	0.	0.
2	-3.90	0.	0.	2	-3.90	0.	0.	2	-5.80	0.	0.
3	-3.80	0.	0.	3	-3.80	0.	0.	3	-5.60	0.	0.
4	-3.70	0.	0.	4	-3.70	0.	0.	4	-5.40	0.	0.
5	-3.60	0.	0.	5	-3.60	0.	0.	5	-5.20	0.	0.
6	-3.50	0.	0.	6	-3.50	0.	0.	6	-5.00	0.	0.
7	-3.40	0.	0.	7	-3.40	0.	0.	7	-4.80	0.	0.
8	-3.30	0.	0.	8	-3.30	0.	0.	8	-4.60	0.	0.
9	-3.20	0.	0.	9	-3.20	0.	0.	9	-4.40	0.	0.
10	-3.10	0.	0.	10	-3.10	0.	0.	10	-4.20	0.	0.
11	-3.00	0.0001	0.0001	11	-3.00	0.	0.	11	-4.00	0.	0.
12	-2.90	0.0006	0.0007	12	-2.90	0.	0.	12	-3.80	0.	0.
13	-2.80	0.0012	0.0019	13	-2.80	0.	0.	13	-3.60	0.	0.
14	-2.70	0.0025	0.0044	14	-2.70	0.	0.	14	-3.40	0.0006	0.0006
15	-2.60	0.0052	0.0096	15	-2.60	0.	0.	15	-3.20	0.0021	0.0027
16	-2.50	0.0060	0.0156	16	-2.50	0.	0.	16	-3.00	0.0057	0.0084
17	-2.40	0.0090	0.0246	17	-2.40	0.	0.	17	-2.80	0.0104	0.0188
18	-2.30	0.0103	0.0349	18	-2.30	0.	0.	18	-2.60	0.0197	0.0385
19	-2.20	0.0166	0.0514	19	-2.20	0.	0.	19	-2.40	0.0296	0.0681
20	-2.10	0.0175	0.0690	20	-2.10	0.	0.	20	-2.20	0.0386	0.1067
21	-2.00	0.0238	0.0927	21	-2.00	0.	0.	21	-2.00	0.0439	0.1506
22	-1.90	0.0261	0.1189	22	-1.90	0.	0.	22	-1.80	0.0449	0.1955
23	-1.80	0.0264	0.1452	23	-1.80	0.0001	0.0001	23	-1.60	0.0452	0.2407
24	-1.70	0.0287	0.1739	24	-1.70	0.0001	0.0001	24	-1.40	0.0475	0.2882
25	-1.60	0.0267	0.2006	25	-1.60	0.0001	0.0002	25	-1.20	0.0400	0.3282
26	-1.50	0.0278	0.2284	26	-1.50	0.0003	0.0005	26	-1.00	0.0389	0.3671
27	-1.40	0.0253	0.2537	27	-1.40	0.0004	0.0009	27	-0.80	0.0376	0.4047
28	-1.30	0.0224	0.2761	28	-1.30	0.0006	0.0016	28	-0.60	0.0342	0.4389
29	-1.20	0.0192	0.2954	29	-1.20	0.0015	0.0030	29	-0.40	0.0340	0.4729
30	-1.10	0.0217	0.3170	30	-1.10	0.0040	0.0071	30	-0.20	0.0354	0.5084
31	-1.00	0.0204	0.3374	31	-1.00	0.0076	0.0147	31	0.	0.0332	0.5415
32	-0.90	0.0182	0.3556	32	-0.90	0.0138	0.0285	32	0.20	0.0357	0.5772
33	-0.80	0.0188	0.3743	33	-0.80	0.0209	0.0494	33	0.40	0.0348	0.6121
34	-0.70	0.0161	0.3904	34	-0.70	0.0351	0.0845	34	0.60	0.0359	0.6479
35	-0.60	0.0171	0.4075	35	-0.60	0.0473	0.1318	35	0.80	0.0435	0.6914
36	-0.50	0.0178	0.4253	36	-0.50	0.0705	0.2023	36	1.00	0.0420	0.7334
37	-0.40	0.0163	0.4416	37	-0.40	0.0860	0.2883	37	1.20	0.0458	0.7792
38	-0.30	0.0165	0.4581	38	-0.30	0.1033	0.3916	38	1.40	0.0465	0.8256
39	-0.20	0.0166	0.4746	39	-0.20	0.1022	0.4938	39	1.60	0.0408	0.8664
40	-0.10	0.0171	0.4917	40	-0.10	0.1021	0.5959	40	1.80	0.0381	0.9045
41	0.	0.0170	0.5086	41	0.	0.0908	0.6867	41	2.00	0.0272	0.9317
42	0.10	0.0160	0.5246	42	0.10	0.0801	0.7668	42	2.20	0.0239	0.9556
43	0.20	0.0181	0.5427	43	0.20	0.0663	0.8331	43	2.40	0.0156	0.9711
44	0.30	0.0166	0.5594	44	0.30	0.0531	0.8861	44	2.60	0.0118	0.9830
45	0.40	0.0161	0.5754	45	0.40	0.0385	0.9246	45	2.80	0.0076	0.9905
46	0.50	0.0168	0.5922	46	0.50	0.0250	0.9496	46	3.00	0.0050	0.9955
47	0.60	0.0190	0.6112	47	0.60	0.0191	0.9687	47	3.20	0.0021	0.9977
48	0.70	0.0172	0.6284	48	0.70	0.0138	0.9825	48	3.40	0.0014	0.9991
49	0.80	0.0196	0.6480	49	0.80	0.0071	0.9895	49	3.60	0.0007	0.9998
50	0.90	0.0193	0.6673	50	0.90	0.0047	0.9942	50	3.80	0.0001	0.9999
51	1.00	0.0224	0.6897	51	1.00	0.0023	0.9965	51	4.00	0.0001	1.0000
52	1.10	0.0231	0.7128	52	1.10	0.0011	0.9976	52	4.20	0.	1.0000
53	1.20	0.0224	0.7352	53	1.20	0.0009	0.9985	53	4.40	0.	1.0000
54	1.30	0.0280	0.7632	54	1.30	0.0008	0.9993	54	4.60	0.	1.0000
55	1.40	0.0272	0.7905	55	1.40	0.0003	0.9997	55	4.80	0.	1.0000
56	1.50	0.0277	0.8182	56	1.50	0.0002	0.9999	56	5.00	0.	1.0000
57	1.60	0.0240	0.8423	57	1.60	0.	0.9999	57	5.20	0.	1.0000
58	1.70	0.0242	0.8664	58	1.70	0.0001	0.9999	58	5.40	0.	1.0000
59	1.80	0.0212	0.8877	59	1.80	0.	0.9999	59	5.60	0.	1.0000
60	1.90	0.0192	0.9069	60	1.90	0.	0.9999	60	5.80	0.	1.0000
61	2.00	0.0164	0.9233	61	2.00	0.	0.9999	61	6.00	0.	1.0000
62	2.10	0.0148	0.9381	62	2.10	0.0001	1.0000				
63	2.20	0.0112	0.9493	63	2.20	0.	1.0000				
64	2.30	0.0114	0.9607	64	2.30	0.	1.0000				
65	2.40	0.0085	0.9692	65	2.40	0.	1.0000				
66	2.50	0.0078	0.9769	66	2.50	0.	1.0000				
67	2.60	0.0062	0.9832	67	2.60	0.	1.0000				
68	2.70	0.0046	0.9878	68	2.70	0.	1.0000				
69	2.80	0.0040	0.9917	69	2.80	0.	1.0000				
70	2.90	0.0037	0.9954	70	2.90	0.	1.0000				
71	3.00	0.0021	0.9975	71	3.00	0.	1.0000				
72	3.10	0.0018	0.9992	72	3.10	0.	1.0000				
73	3.20	0.0006	0.9999	73	3.20	0.	1.0000				
74	3.30	0.0001	1.0000	74	3.30	0.	1.0000				
75	3.40	0.	1.0000	75	3.40	0.	1.0000				
76	3.50	0.	1.0000	76	3.50	0.	1.0000				
77	3.60	0.	1.0000	77	3.60	0.	1.0000				
78	3.70	0.	1.0000	78	3.70	0.	1.0000				
79	3.80	0.	1.0000	79	3.80	0.	1.000				
80	3.90	0.	1.0000	80	3.90	0.	1.0000				
81	4.00	0.	1.0000	81	4.00	0.	1.0000				

I - INTERVAL NUMBER X - INTERVAL CENTER VALUE

P(X) - PROBABILITY MASS FUNCTION F(X) - CUMULATIVE DISTRIBUTION FUNCTION

CHARLESTON S.C.

YEARLY STATISTICS

ASTRONOMICAL TIDE MEAN-0.00 STND DEV 1.88				STORM SURGE MEAN-0.01 STND DEV 0.45				TOTAL WATER LEVEL MEAN-0.03 STND DEV 1.94			
I	X	P(X)	F(X)	I	X	P(X)	F(X)	I	X	P(X)	F(X)
1	-6.00	0.	0.	1	-4.00	0.	0.	1	-6.00	0.0000	0.0000
2	-5.85	0.	0.	2	-3.90	0.	0.	2	-5.80	0.0000	0.0000
3	-5.70	0.	0.	3	-3.80	0.	0.	3	-5.60	0.	0.0000
4	-5.55	0.	0.	4	-3.70	0.	0.	4	-5.40	0.0000	0.0000
5	-5.40	0.	0.	5	-3.60	0.	0.	5	-5.20	0.0000	0.0001
6	-5.25	0.	0.	6	-3.50	0.	0.	6	-5.00	0.0001	0.0002
7	-5.10	0.	0.	7	-3.40	0.	0.	7	-4.80	0.0002	0.0003
8	-4.95	0.	0.	8	-3.30	0.	0.	8	-4.60	0.0003	0.0006
9	-4.80	0.	0.	9	-3.20	0.	0.	9	-4.40	0.0008	0.0014
10	-4.65	0.	0.	10	-3.10	0.	0.	10	-4.20	0.0013	0.0027
11	-4.50	0.	0.	11	-3.00	0.	0.	11	-4.00	0.0026	0.0053
12	-4.35	0.	0.	12	-2.90	0.0000	0.0000	12	-3.80	0.0044	0.0097
13	-4.20	0.0001	0.0001	13	-2.80	0.	0.0000	13	-3.60	0.0072	0.0169
14	-4.05	0.0003	0.0003	14	-2.70	0.	0.0000	14	-3.40	0.0101	0.0270
15	-3.90	0.0008	0.0011	15	-2.60	0.0000	0.0000	15	-3.20	0.0134	0.0424
16	-3.75	0.0019	0.0030	16	-2.50	0.0000	0.0000	16	-3.00	0.0202	0.0626
17	-3.60	0.0032	0.0062	17	-2.40	0.0000	0.0001	17	-2.80	0.0255	0.0881
18	-3.45	0.0051	0.0113	18	-2.30	0.0001	0.0001	18	-2.60	0.0297	0.1178
19	-3.30	0.0072	0.0185	19	-2.20	0.0001	0.0002	19	-2.40	0.0320	0.1498
20	-3.15	0.0104	0.0289	20	-2.10	0.0001	0.0003	20	-2.20	0.0340	0.1838
21	-3.00	0.0137	0.0426	21	-2.00	0.0002	0.0006	21	-2.00	0.0347	0.2185
22	-2.85	0.0179	0.0605	22	-1.90	0.0002	0.0008	22	-1.80	0.0348	0.2533
23	-2.70	0.0217	0.0821	23	-1.80	0.0003	0.0011	23	-1.60	0.0322	0.2855
24	-2.55	0.0246	0.1067	24	-1.70	0.0004	0.0015	24	-1.40	0.0318	0.3173
25	-2.40	0.0281	0.1348	25	-1.60	0.0006	0.0021	25	-1.20	0.0289	0.3461
26	-2.25	0.0289	0.1637	26	-1.50	0.0009	0.0030	26	-1.00	0.0276	0.3737
27	-2.10	0.0289	0.1925	27	-1.40	0.0013	0.0042	27	-0.80	0.0271	0.4008
28	-1.95	0.0278	0.2203	28	-1.30	0.0019	0.0061	28	-0.60	0.0269	0.4276
29	-1.80	0.0269	0.2472	29	-1.20	0.0029	0.0090	29	-0.40	0.0266	0.4542
30	-1.65	0.0262	0.2733	30	-1.10	0.0044	0.0134	30	-0.20	0.0265	0.4807
31	-1.50	0.0239	0.2972	31	-1.00	0.0070	0.0204	31	0.	0.0266	0.5074
32	-1.35	0.0233	0.3205	32	-0.90	0.0106	0.0310	32	0.20	0.0267	0.5341
33	-1.20	0.0218	0.3422	33	-0.80	0.0163	0.0473	33	0.40	0.0280	0.5621
34	-1.05	0.0208	0.3630	34	-0.70	0.0244	0.0717	34	0.60	0.0294	0.5915
35	-0.90	0.0203	0.3833	35	-0.60	0.0348	0.1065	35	0.80	0.0313	0.6228
36	-0.75	0.0204	0.4037	36	-0.50	0.0475	0.1539	36	1.00	0.0317	0.6545
37	-0.60	0.0192	0.4229	37	-0.40	0.0616	0.2156	37	1.20	0.0347	0.6892
38	-0.45	0.0197	0.4426	38	-0.30	0.0751	0.2906	38	1.40	0.0364	0.7255
39	-0.30	0.0199	0.4625	39	-0.20	0.0850	0.3756	39	1.60	0.0378	0.7633
40	-0.15	0.0196	0.4821	40	-0.10	0.0903	0.4659	40	1.80	0.0372	0.8005
41	0.	0.0196	0.5017	41	0.	0.0910	0.5569	41	2.00	0.0377	0.8383
42	0.15	0.0199	0.5216	42	0.10	0.0897	0.6466	42	2.20	0.0339	0.8722
43	0.30	0.0204	0.5420	43	0.20	0.0801	0.7267	43	2.40	0.0314	0.9036
44	0.45	0.0208	0.5627	44	0.30	0.0699	0.7967	44	2.60	0.0254	0.9290
45	0.60	0.0210	0.5837	45	0.40	0.0580	0.8546	45	2.80	0.0213	0.9503
46	0.75	0.0214	0.6051	46	0.50	0.0446	0.8992	46	3.00	0.0167	0.9670
47	0.90	0.0231	0.6282	47	0.60	0.0321	0.9313	47	3.20	0.0116	0.9786
48	1.05	0.0248	0.6531	48	0.70	0.0243	0.9556	48	3.40	0.0086	0.9872
49	1.20	0.0256	0.6787	49	0.80	0.0165	0.9721	49	3.60	0.0053	0.9924
50	1.35	0.0280	0.7066	50	0.90	0.0111	0.9833	50	3.80	0.0035	0.9959
51	1.50	0.0301	0.7367	51	1.00	0.0068	0.9901	51	4.00	0.0021	0.9980
52	1.65	0.0311	0.7678	52	1.10	0.0044	0.9945	52	4.20	0.0012	0.9992
53	1.80	0.0311	0.7990	53	1.20	0.0025	0.9970	53	4.40	0.0005	0.9997
54	1.95	0.0292	0.8282	54	1.30	0.0013	0.9982	54	4.60	0.0002	0.9999
55	2.10	0.0280	0.8562	55	1.40	0.0007	0.9990	55	4.80	0.0001	1.0000
56	2.25	0.0260	0.8822	56	1.50	0.0004	0.9993	56	5.00	0.0000	1.0000
57	2.40	0.0234	0.9056	57	1.60	0.0002	0.9996	57	5.20	0.	1.0000
58	2.55	0.0208	0.9264	58	1.70	0.0001	0.9997	58	5.40	0.0000	1.0000
59	2.70	0.0180	0.9444	59	1.80	0.0001	0.9998	59	5.60	0.	1.0000
60	2.85	0.0154	0.9598	60	1.90	0.0001	0.9998	60	5.80	0.0000	1.0000
61	3.00	0.0119	0.9716	61	2.00	0.0000	0.9999	61	6.00	0.0000	1.0000
62	3.15	0.0090	0.9806	62	2.10	0.0000	0.9999				
63	3.30	0.0068	0.9874	63	2.20	0.0000	0.9999				
64	3.45	0.0047	0.9921	64	2.30	0.0000	1.0000				
65	3.60	0.0035	0.9956	65	2.40	0.0000	1.0000				
66	3.75	0.0023	0.9979	66	2.50	0.0000	1.0000				
67	3.90	0.0013	0.9992	67	2.60	0.0000	1.0000				
68	4.05	0.0005	0.9997	68	2.70	0.	1.0000				
69	4.20	0.0002	0.9999	69	2.80	0.	1.0000				
70	4.35	0.0001	1.0000	70	2.90	0.	1.0000				
71	4.50	0.	1.0000	71	3.00	0.	1.0000				
72	4.65	0.	1.0000	72	3.10	0.	1.0000				
73	4.80	0.	1.0000	73	3.20	0.	1.0000				
74	4.95	0.	1.0000	74	3.30	0.	1.0000				
75	5.10	0.	1.0000	75	3.40	0.	1.0000				
76	5.25	0.	1.0000	76	3.50	0.	1.0000				
77	5.40	0.	1.0000	77	3.60	0.	1.0000				
78	5.55	0.	1.0000	78	3.70	0.	1.0000				
79	5.70	0.	1.0000	79	3.80	0.	1.0000				
80	5.85	0.	1.0000	80	3.90	0.	1.0000				
81	6.00	0.	1.0000	81	4.00	0.	1.0000				

I - INTERVAL NUMBER X - INTERVAL CENTER VALUE

P(X) - PROBABILITY MASS FUNCTION F(X) - CUMULATIVE DISTRIBUTION FUNCTION

CHARLESTON S.C.

STATISTICS FOR JANUARY

ASTRONOMICAL TIDE				STORM SURGE				TOTAL WATER LEVEL			
MEAN-0.30		STND DEV 1.87		MEAN-0.01		STND DEV 0.46		MEAN-0.31		STND DEV 1.92	
I	X	P(X)	F(X)	I	X	P(X)	F(X)	I	X	P(X)	F(X)
1	-6.00	0.	0.	1	-4.00	0.	0.	1	-6.00	0.	0.
2	-5.85	0.	0.	2	-3.90	0.	0.	2	-5.80	0.	0.
3	-5.70	0.	0.	3	-3.80	0.	0.	3	-5.60	0.	0.
4	-5.55	0.	0.	4	-3.70	0.	0.	4	-5.40	0.0001	0.0001
5	-5.40	0.	0.	5	-3.60	0.	0.	5	-5.20	0.	0.0001
6	-5.25	0.	0.	6	-3.50	0.	0.	6	-5.00	0.0002	0.0003
7	-5.10	0.	0.	7	-3.40	0.	0.	7	-4.80	0.0004	0.0007
8	-4.95	0.	0.	8	-3.30	0.	0.	8	-4.60	0.0005	0.0011
9	-4.80	0.	0.	9	-3.20	0.	0.	9	-4.40	0.0016	0.0027
10	-4.65	0.	0.	10	-3.10	0.	0.	10	-4.20	0.0028	0.0054
11	-4.50	0.	0.	11	-3.00	0.	0.	11	-4.00	0.0048	0.0103
12	-4.35	0.	0.	12	-2.90	0.	0.	12	-3.80	0.0077	0.0179
13	-4.20	0.0003	0.0003	13	-2.80	0.	0.	13	-3.60	0.0112	0.0291
14	-4.05	0.0010	0.0013	14	-2.70	0.	0.	14	-3.40	0.0168	0.0459
15	-3.90	0.0026	0.0039	15	-2.60	0.	0.	15	-3.20	0.0237	0.0696
16	-3.75	0.0041	0.0080	16	-2.50	0.	0.	16	-3.00	0.0276	0.0972
17	-3.60	0.0067	0.0147	17	-2.40	0.	0.	17	-2.80	0.0323	0.1295
18	-3.45	0.0084	0.0231	18	-2.30	0.	0.	18	-2.60	0.0324	0.1619
19	-3.30	0.0123	0.0354	19	-2.20	0.	0.	19	-2.40	0.0340	0.1959
20	-3.15	0.0185	0.0538	20	-2.10	0.0001	0.0001	20	-2.20	0.0382	0.2341
21	-3.00	0.0212	0.0751	21	-2.00	0.0001	0.0002	21	-2.00	0.0338	0.2679
22	-2.85	0.0270	0.1021	22	-1.90	0.0001	0.0003	22	-1.80	0.0328	0.3007
23	-2.70	0.0282	0.1303	23	-1.80	0.0004	0.0007	23	-1.60	0.0281	0.3288
24	-2.55	0.0291	0.1594	24	-1.70	0.0005	0.0013	24	-1.40	0.0318	0.3606
25	-2.40	0.0321	0.1915	25	-1.60	0.0011	0.0024	25	-1.20	0.0263	0.3868
26	-2.25	0.0291	0.2206	26	-1.50	0.0011	0.0034	26	-1.00	0.0256	0.4124
27	-2.10	0.0288	0.2494	27	-1.40	0.0020	0.0054	27	-0.80	0.0264	0.4388
28	-1.95	0.0241	0.2734	28	-1.30	0.0022	0.0076	28	-0.60	0.0278	0.4666
29	-1.80	0.0237	0.2972	29	-1.20	0.0038	0.0114	29	-0.40	0.0249	0.4915
30	-1.65	0.0232	0.3204	30	-1.10	0.0040	0.0154	30	-0.20	0.0275	0.5190
31	-1.50	0.0218	0.3421	31	-1.00	0.0084	0.0238	31	0.	0.0278	0.5467
32	-1.35	0.0200	0.3621	32	-0.90	0.0107	0.0345	32	0.20	0.0278	0.5745
33	-1.20	0.0213	0.3834	33	-0.80	0.0159	0.0504	33	0.40	0.0307	0.6051
34	-1.05	0.0186	0.4020	34	-0.70	0.0262	0.0766	34	0.60	0.0298	0.6349
35	-0.90	0.0199	0.4218	35	-0.60	0.0368	0.1134	35	0.80	0.0319	0.6668
36	-0.75	0.0210	0.4428	36	-0.50	0.0508	0.1642	36	1.00	0.0349	0.7017
37	-0.60	0.0171	0.4600	37	-0.40	0.0611	0.2253	37	1.20	0.0353	0.7370
38	-0.45	0.0208	0.4808	38	-0.30	0.0745	0.2998	38	1.40	0.0380	0.7749
39	-0.30	0.0183	0.4991	39	-0.20	0.0817	0.3815	39	1.60	0.0405	0.8155
40	-0.15	0.0203	0.5194	40	-0.10	0.0905	0.4719	40	1.80	0.0373	0.8528
41	0.	0.0218	0.5411	41	0.	0.0864	0.5583	41	2.00	0.0331	0.8859
42	0.15	0.0196	0.5608	42	0.10	0.0860	0.6444	42	2.20	0.0325	0.9184
43	0.30	0.0198	0.5806	43	0.20	0.0747	0.7190	43	2.40	0.0260	0.9444
44	0.45	0.0237	0.6042	44	0.30	0.0694	0.7884	44	2.60	0.0190	0.9634
45	0.60	0.0205	0.6247	45	0.40	0.0571	0.8456	45	2.80	0.0136	0.9770
46	0.75	0.0234	0.6481	46	0.50	0.0435	0.8890	46	3.00	0.0103	0.9873
47	0.90	0.0241	0.6722	47	0.60	0.0340	0.9231	47	3.20	0.0064	0.9937
48	1.05	0.0278	0.7001	48	0.70	0.0284	0.9515	48	3.40	0.0033	0.9970
49	1.20	0.0306	0.7307	49	0.80	0.0182	0.9696	49	3.60	0.0018	0.9988
50	1.35	0.0333	0.7639	50	0.90	0.0135	0.9831	50	3.80	0.0008	0.9996
51	1.50	0.0345	0.7984	51	1.00	0.0074	0.9905	51	4.00	0.0003	0.9999
52	1.65	0.0306	0.8290	52	1.10	0.0050	0.9956	52	4.20	0.0001	1.0000
53	1.80	0.0313	0.8603	53	1.20	0.0022	0.9978	53	4.40	0.	1.0000
54	1.95	0.0245	0.8847	54	1.30	0.0009	0.9987	54	4.60	0.	1.0000
55	2.10	0.0243	0.9090	55	1.40	0.0003	0.9990	55	4.80	0.	1.0000
56	2.25	0.0225	0.9315	56	1.50	0.0003	0.9993	56	5.00	0.	1.0000
57	2.40	0.0192	0.9507	57	1.60	0.0003	0.9996	57	5.20	0.	1.0000
58	2.55	0.0153	0.9659	58	1.70	0.0001	0.9997	58	5.40	0.	1.0000
59	2.70	0.0106	0.9765	59	1.80	0.0001	0.9998	59	5.60	0.	1.0000
60	2.85	0.0080	0.9845	60	1.90	0.0002	1.0000	60	5.80	0.	1.0000
61	3.00	0.0056	0.9901	61	2.00	0.	1.0000	61	6.00	0.	1.0000
62	3.15	0.0033	0.9934	62	2.10	0.	1.0000				
63	3.30	0.0033	0.9966	63	2.20	0.	1.0000				
64	3.45	0.0023	0.9989	64	2.30	0.	1.0000				
65	3.60	0.0009	0.9998	65	2.40	0.	1.0000				
66	3.75	0.0002	1.0000	66	2.50	0.	1.0000				
67	3.90	0.	1.0000	67	2.60	0.	1.0000				
68	4.05	0.	1.0000	68	2.70	0.	1.0000				
69	4.20	0.	1.0000	69	2.80	0.	1.0000				
70	4.35	0.	1.0000	70	2.90	0.	1.0000				
71	4.50	0.	1.0000	71	3.00	0.	1.0000				
72	4.65	0.	1.0000	72	3.10	0.	1.0000				
73	4.80	0.	1.0000	73	3.20	0.	1.0000				
74	4.95	0.	1.0000	74	3.30	0.	1.0000				
75	5.10	0.	1.0000	75	3.40	0.	1.0000				
76	5.25	0.	1.0000	76	3.50	0.	1.0000				
77	5.40	0.	1.0000	77	3.60	0.	1.0000				
78	5.55	0.	1.0000	78	3.70	0.	1.0000				
79	5.70	0.	1.0000	79	3.80	0.	1.0000				
80	5.85	0.	1.0000	80	3.90	0.	1.0000				
81	6.00	0.	1.0000	81	4.00	0.	1.0000				

I - INTERVAL NUMBER X - INTERVAL CENTER VALUE

P(X) - PROBABILITY MASS FUNCTION F(X) - CUMULATIVE DISTRIBUTION FUNCTION

CHARLESTON S.C.

STATISTICS FOR FEBRUARY

ASTRONOMICAL TIDE				STORM SURGE				TOTAL WATER LEVEL			
MEAN-0.31		STND DEV 1.87		MEAN-0.03		STND DEV 0.49		MEAN-0.34		STND DEV 1.96	
I	X	P(X)	F(X)	I	X	P(X)	F(X)	I	X	P(X)	F(X)
1	-6.00	0.	0.	1	-4.00	0.	0.	1	-6.00	0.0001	0.0001
2	-5.85	0.	0.	2	-3.90	0.	0.	2	-5.80	0.0001	0.0002
3	-5.70	0.	0.	3	-3.80	0.	0.	3	-5.60	0.	0.0002
4	-5.55	0.	0.	4	-3.70	0.	0.	4	-5.40	0.0002	0.0003
5	-5.40	0.	0.	5	-3.60	0.	0.	5	-5.20	0.0002	0.0005
6	-5.25	0.	0.	6	-3.50	0.	0.	6	-5.00	0.0002	0.0007
7	-5.10	0.	0.	7	-3.40	0.	0.	7	-4.80	0.0010	0.0017
8	-4.95	0.	0.	8	-3.30	0.	0.	8	-4.60	0.0012	0.0029
9	-4.80	0.	0.	9	-3.20	0.	0.	9	-4.40	0.0020	0.0049
10	-4.65	0.	0.	10	-3.10	0.	0.	10	-4.20	0.0037	0.0086
11	-4.50	0.	0.	11	-3.00	0.	0.	11	-4.00	0.0062	0.0148
12	-4.35	0.	0.	12	-2.90	0.0001	0.0001	12	-3.80	0.0090	0.0238
13	-4.20	0.0004	0.0004	13	-2.80	0.	0.0001	13	-3.60	0.0152	0.0390
14	-4.05	0.0016	0.0020	14	-2.70	0.	0.0001	14	-3.40	0.0147	0.0537
15	-3.90	0.0034	0.0054	15	-2.60	0.0001	0.0002	15	-3.20	0.0219	0.0756
16	-3.75	0.0064	0.0118	16	-2.50	0.0001	0.0002	16	-3.00	0.0256	0.1012
17	-3.60	0.0076	0.0194	17	-2.40	0.0001	0.0003	17	-2.80	0.0318	0.1330
18	-3.45	0.0093	0.0287	18	-2.30	0.0001	0.0004	18	-2.60	0.0341	0.1671
19	-3.30	0.0131	0.0418	19	-2.20	0.0003	0.0007	19	-2.40	0.0364	0.2035
20	-3.15	0.0170	0.0589	20	-2.10	0.0003	0.0010	20	-2.20	0.0337	0.2372
21	-3.00	0.0218	0.0806	21	-2.00	0.0003	0.0013	21	-2.00	0.0347	0.2719
22	-2.85	0.0265	0.1071	22	-1.90	0.0002	0.0014	22	-1.80	0.0343	0.3063
23	-2.70	0.0267	0.1338	23	-1.80	0.0004	0.0019	23	-1.60	0.0286	0.3349
24	-2.55	0.0285	0.1623	24	-1.70	0.0007	0.0025	24	-1.40	0.0289	0.3638
25	-2.40	0.0305	0.1928	25	-1.60	0.0016	0.0041	25	-1.20	0.0284	0.3921
26	-2.25	0.0293	0.2221	26	-1.50	0.0017	0.0059	26	-1.00	0.0259	0.4180
27	-2.10	0.0266	0.2486	27	-1.40	0.0030	0.0089	27	-0.80	0.0258	0.4438
28	-1.95	0.0274	0.2760	28	-1.30	0.0046	0.0135	28	-0.60	0.0249	0.4687
29	-1.80	0.0230	0.2990	29	-1.20	0.0058	0.0192	29	-0.40	0.0258	0.4945
30	-1.65	0.0236	0.3226	30	-1.10	0.0088	0.0281	30	-0.20	0.0284	0.5229
31	-1.50	0.0193	0.3420	31	-1.00	0.0113	0.0393	31	0.	0.0278	0.5506
32	-1.35	0.0212	0.3631	32	-0.90	0.0172	0.0565	32	0.20	0.0283	0.5789
33	-1.20	0.0211	0.3843	33	-0.80	0.0205	0.0770	33	0.40	0.0295	0.6084
34	-1.05	0.0212	0.4055	34	-0.70	0.0259	0.1029	34	0.60	0.0310	0.6394
35	-0.90	0.0179	0.4234	35	-0.60	0.0335	0.1364	35	0.80	0.0326	0.6721
36	-0.75	0.0195	0.4429	36	-0.50	0.0417	0.1781	36	1.00	0.0360	0.7080
37	-0.60	0.0179	0.4608	37	-0.40	0.0591	0.2372	37	1.20	0.0366	0.7447
38	-0.45	0.0195	0.4803	38	-0.30	0.0676	0.3048	38	1.40	0.0390	0.7837
39	-0.30	0.0216	0.5019	39	-0.20	0.0822	0.3870	39	1.60	0.0372	0.8208
40	-0.15	0.0201	0.5220	40	-0.10	0.0850	0.4720	40	1.80	0.0359	0.8567
41	0.	0.0192	0.5412	41	0.	0.0816	0.5537	41	2.00	0.0343	0.8910
42	0.15	0.0204	0.5617	42	0.10	0.0825	0.6361	42	2.20	0.0289	0.9199
43	0.30	0.0209	0.5825	43	0.20	0.0785	0.7146	43	2.40	0.0256	0.9455
44	0.45	0.0221	0.6046	44	0.30	0.0742	0.7888	44	2.60	0.0160	0.9615
45	0.60	0.0228	0.6274	45	0.40	0.0594	0.8481	45	2.80	0.0150	0.9765
46	0.75	0.0226	0.6499	46	0.50	0.0489	0.8971	46	3.00	0.0093	0.9858
47	0.90	0.0263	0.6762	47	0.60	0.0352	0.9322	47	3.20	0.0059	0.9916
48	1.05	0.0267	0.7029	48	0.70	0.0250	0.9572	48	3.40	0.0041	0.9957
49	1.20	0.0298	0.7327	49	0.80	0.0197	0.9769	49	3.60	0.0022	0.9979
50	1.35	0.0317	0.7644	50	0.90	0.0103	0.9872	50	3.80	0.0013	0.9992
51	1.50	0.0309	0.7953	51	1.00	0.0044	0.9916	51	4.00	0.0004	0.9996
52	1.65	0.0308	0.8260	52	1.10	0.0031	0.9947	52	4.20	0.0004	1.0000
53	1.80	0.0299	0.8560	53	1.20	0.0017	0.9964	53	4.40	0.	1.0000
54	1.95	0.0274	0.8834	54	1.30	0.0013	0.9976	54	4.60	0.	1.0000
55	2.10	0.0256	0.9090	55	1.40	0.0009	0.9985	55	4.80	0.	1.0000
56	2.25	0.0224	0.9313	56	1.50	0.0007	0.9992	56	5.00	0.	1.0000
57	2.40	0.0199	0.9513	57	1.60	0.	0.9992	57	5.20	0.	1.0000
58	2.55	0.0155	0.9667	58	1.70	0.0004	0.9996	58	5.40	0.	1.0000
59	2.70	0.0115	0.9782	59	1.80	0.0001	0.9997	59	5.60	0.	1.0000
60	2.85	0.0037	0.9820	60	1.90	0.0002	0.9999	60	5.80	0.	1.0000
61	3.00	0.0037	0.9926	61	2.00	0.	0.9999	61	6.00	0.	1.0000
62	3.15	0.0036	0.9962	62	2.10	0.	0.9999				
63	3.30	0.0030	0.9993	63	2.20	0.	0.9999				
64	3.45	0.0006	0.9998	64	2.30	0.	0.9999				
65	3.60	0.0002	1.0000	65	2.40	0.	0.9999				
66	3.75	0.	1.0000	66	2.50	0.	0.9999				
67	3.90	0.	1.0000	67	2.60	0.0001	1.0000				
68	4.05	0.	1.0000	68	2.70	0.	1.0000				
69	4.20	0.	1.0000	69	2.80	0.	1.0000				
70	4.35	0.	1.0000	70	2.90	0.	1.0000				
71	4.50	0.	1.0000	71	3.00	0.	1.0000				
72	4.65	0.	1.0000	72	3.10	0.	1.0000				
73	4.80	0.	1.0000	73	3.20	0.	1.0000				
74	4.95	0.	1.0000	74	3.30	0.	1.0000				
75	5.10	0.	1.0000	75	3.40	0.	1.0000				
76	5.25	0.	1.0000	76	3.50	0.	1.0000				
77	5.40	0.	1.0000	77	3.60	0.	1.0000				
78	5.55	0.	1.0000	78	3.70	0.	1.0000				
79	5.70	0.	1.0000	79	3.80	0.	1.0000				
80	5.85	0.	1.0000	80	3.90	0.	1.0000				
81	6.00	0.	1.0000	81	4.00	0.	1.0000				

I - INTERVAL NUMBER X - INTERVAL CENTER VALUE

P(X) - PROBABILITY MASS FUNCTION F(X) - CUMULATIVE DISTRIBUTION FUNCTION

CHARLESTON S.C.

STATISTICS FOR MARCH

ASTRONOMICAL TIDE				STORM SURGE				TOTAL WATER LEVEL			
MEAN-0.18		STND DEV 1.86		MEAN-0.09		STND DEV 0.48		MEAN-0.27		STND DEV 1.93	
I	X	P(X)	F(X)	I	X	P(X)	F(X)	I	X	P(X)	F(X)
1	-6.00	0.	0.	1	-4.00	0.	0.	1	-6.00	0.	0.
2	-5.85	0.	0.	2	-3.90	0.	0.	2	-5.80	0.	0.
3	-5.70	0.	0.	3	-3.80	0.	0.	3	-5.60	0.	0.
4	-5.55	0.	0.	4	-3.70	0.	0.	4	-5.40	0.	0.
5	-5.40	0.	0.	5	-3.60	0.	0.	5	-5.20	0.0001	0.0001
6	-5.25	0.	0.	6	-3.50	0.	0.	6	-5.00	0.0003	0.0005
7	-5.10	0.	0.	7	-3.40	0.	0.	7	-4.80	0.0005	0.0009
8	-4.95	0.	0.	8	-3.30	0.	0.	8	-4.60	0.0005	0.0015
9	-4.80	0.	0.	9	-3.20	0.	0.	9	-4.40	0.0018	0.0032
10	-4.65	0.	0.	10	-3.10	0.	0.	10	-4.20	0.0032	0.0064
11	-4.50	0.	0.	11	-3.00	0.	0.	11	-4.00	0.0052	0.0116
12	-4.35	0.	0.	12	-2.90	0.	0.	12	-3.80	0.0091	0.0207
13	-4.20	0.	0.	13	-2.80	0.	0.	13	-3.60	0.0099	0.0306
14	-4.05	0.0004	0.0004	14	-2.70	0.	0.	14	-3.40	0.0146	0.0452
15	-3.90	0.0023	0.0027	15	-2.60	0.	0.	15	-3.20	0.0196	0.0648
16	-3.75	0.0040	0.0067	16	-2.50	0.	0.	16	-3.00	0.0257	0.0905
17	-3.60	0.0057	0.0124	17	-2.40	0.	0.	17	-2.80	0.0292	0.1198
18	-3.45	0.0079	0.0202	18	-2.30	0.0001	0.0001	18	-2.60	0.0346	0.1544
19	-3.30	0.0091	0.0293	19	-2.20	0.0001	0.0002	19	-2.40	0.0348	0.1892
20	-3.15	0.0119	0.0412	20	-2.10	0.0004	0.0006	20	-2.20	0.0345	0.2237
21	-3.00	0.0175	0.0587	21	-2.00	0.0013	0.0020	21	-2.00	0.0343	0.2580
22	-2.85	0.0218	0.0806	22	-1.90	0.0009	0.0028	22	-1.80	0.0341	0.2921
23	-2.70	0.0272	0.1077	23	-1.80	0.0007	0.0035	23	-1.60	0.0318	0.3239
24	-2.55	0.0282	0.1359	24	-1.70	0.0013	0.0048	24	-1.40	0.0302	0.3541
25	-2.40	0.0286	0.1645	25	-1.60	0.0018	0.0066	25	-1.20	0.0241	0.3782
26	-2.25	0.0304	0.1950	26	-1.50	0.0022	0.0088	26	-1.00	0.0275	0.4057
27	-2.10	0.0299	0.2249	27	-1.40	0.0024	0.0112	27	-0.80	0.0263	0.4321
28	-1.95	0.0278	0.2527	28	-1.30	0.0039	0.0151	28	-0.60	0.0266	0.4587
29	-1.80	0.0244	0.2771	29	-1.20	0.0050	0.0201	29	-0.40	0.0276	0.4863
30	-1.65	0.0254	0.3025	30	-1.10	0.0070	0.0271	30	-0.20	0.0271	0.5134
31	-1.50	0.0231	0.3256	31	-1.00	0.0104	0.0374	31	0.	0.0275	0.5409
32	-1.35	0.0201	0.3457	32	-0.90	0.0141	0.0515	32	0.20	0.0251	0.5659
33	-1.20	0.0209	0.3666	33	-0.80	0.0203	0.0718	33	0.40	0.0269	0.5928
34	-1.05	0.0197	0.3863	34	-0.70	0.0315	0.1033	34	0.60	0.0341	0.6269
35	-0.90	0.0204	0.4067	35	-0.60	0.0436	0.1469	35	0.80	0.0374	0.6643
36	-0.75	0.0200	0.4267	36	-0.50	0.0566	0.2035	36	1.00	0.0321	0.6963
37	-0.60	0.0201	0.4468	37	-0.40	0.0725	0.2759	37	1.20	0.0333	0.7296
38	-0.45	0.0166	0.4634	38	-0.30	0.0832	0.3591	38	1.40	0.0378	0.7673
39	-0.30	0.0216	0.4850	39	-0.20	0.0867	0.4458	39	1.60	0.0368	0.8041
40	-0.15	0.0194	0.5044	40	-0.10	0.0816	0.5274	40	1.80	0.0384	0.8425
41	0.	0.0200	0.5245	41	0.	0.0823	0.6097	41	2.00	0.0374	0.8799
42	0.15	0.0212	0.5457	42	0.10	0.0869	0.6966	42	2.20	0.0326	0.9125
43	0.30	0.0207	0.5664	43	0.20	0.0735	0.7701	43	2.40	0.0258	0.9383
44	0.45	0.0200	0.5864	44	0.30	0.0589	0.8290	44	2.60	0.0194	0.9577
45	0.60	0.0216	0.6080	45	0.40	0.0499	0.8788	45	2.80	0.0175	0.9751
46	0.75	0.0227	0.6307	46	0.50	0.0393	0.9181	46	3.00	0.0103	0.9854
47	0.90	0.0238	0.6544	47	0.60	0.0274	0.9454	47	3.20	0.0071	0.9925
48	1.05	0.0276	0.6820	48	0.70	0.0181	0.9635	48	3.40	0.0040	0.9965
49	1.20	0.0270	0.7090	49	0.80	0.0106	0.9741	49	3.60	0.0020	0.9985
50	1.35	0.0286	0.7376	50	0.90	0.0082	0.9823	50	3.80	0.0009	0.9994
51	1.50	0.0313	0.7690	51	1.00	0.0066	0.9889	51	4.00	0.0003	0.9997
52	1.65	0.0300	0.7989	52	1.10	0.0043	0.9932	52	4.20	0.0003	0.9999
53	1.80	0.0305	0.8294	53	1.20	0.0032	0.9964	53	4.40	0.0001	1.0000
54	1.95	0.0281	0.8575	54	1.30	0.0018	0.9982	54	4.60	0.	1.0000
55	2.10	0.0297	0.8872	55	1.40	0.0011	0.9993	55	4.80	0.	1.0000
56	2.25	0.0278	0.9150	56	1.50	0.0004	0.9997	56	5.00	0.	1.0000
57	2.40	0.0222	0.9372	57	1.60	0.0001	0.9998	57	5.20	0.	1.0000
58	2.55	0.0206	0.9577	58	1.70	0.	0.9998	58	5.40	0.	1.0000
59	2.70	0.0138	0.9716	59	1.80	0.	0.9998	59	5.60	0.	1.0000
60	2.85	0.0100	0.9816	60	1.90	0.	0.9998	60	5.80	0.	1.0000
61	3.00	0.0080	0.9896	61	2.00	0.	0.9998	61	6.00	0.	1.0000
62	3.15	0.0042	0.9938	62	2.10	0.	0.9998				
63	3.30	0.0034	0.9972	63	2.20	0.0001	0.9999				
64	3.45	0.0024	0.9996	64	2.30	0.	0.9999				
65	3.60	0.0003	0.9999	65	2.40	0.0001	0.9999				
66	3.75	0.0001	1.0000	66	2.50	0.	0.9999				
67	3.90	0.	1.0000	67	2.60	0.0001	1.0000				
68	4.05	0.	1.0000	68	2.70	0.	1.0000				
69	4.20	0.	1.0000	69	2.80	0.	1.0000				
70	4.35	0.	1.0000	70	2.90	0.	1.0000				
71	4.50	0.	1.0000	71	3.00	0.	1.0000				
72	4.65	0.	1.0000	72	3.10	0.	1.0000				
73	4.80	0.	1.0000	73	3.20	0.	1.0000				
74	4.95	0.	1.0000	74	3.30	0.	1.0000				
75	5.10	0.	1.0000	75	3.40	0.	1.0000				
76	5.25	0.	1.0000	76	3.50	0.	1.0000				
77	5.40	0.	1.0000	77	3.60	0.	1.0000				
78	5.55	0.	1.0000	78	3.70	0.	1.0000				
79	5.70	0.	1.0000	79	3.80	0.	1.0000				
80	5.85	0.	1.0000	80	3.90	0.	1.0000				
81	6.00	0.	1.0000	81	4.00	0.	1.0000				

I - INTERVAL NUMBER X - INTERVAL CENTER VALUE

P(X) - PROBABILITY MASS FUNCTION F(X) - CUMULATIVE DISTRIBUTION FUNCTION

CHARLESTON S.C.

STATISTICS FOR APRIL

ASTRONOMICAL TIDE				STORM SURGE				TOTAL WATER LEVEL			
MEAN-0.06		STND DEV 1.87		MEAN-0.08		STND DEV 0.44		MEAN-0.14		STND DEV 1.92	
I	X	P(X)	F(X)	I	X	P(X)	F(X)	I	X	P(X)	F(X)
1	-6.00	0.	0.	1	-4.00	0.	0.	1	-6.00	0.	0.
2	-5.85	0.	0.	2	-3.90	0.	0.	2	-5.80	0.	0.
3	-5.70	0.	0.	3	-3.80	0.	0.	3	-5.60	0.	0.
4	-5.55	0.	0.	4	-3.70	0.	0.	4	-5.40	0.	0.
5	-5.40	0.	0.	5	-3.60	0.	0.	5	-5.20	0.	0.
6	-5.25	0.	0.	6	-3.50	0.	0.	6	-5.00	0.	0.
7	-5.10	0.	0.	7	-3.40	0.	0.	7	-4.80	0.	0.
8	-4.95	0.	0.	8	-3.30	0.	0.	8	-4.60	0.0003	0.0003
9	-4.80	0.	0.	9	-3.20	0.	0.	9	-4.40	0.0007	0.0010
10	-4.65	0.	0.	10	-3.10	0.	0.	10	-4.20	0.0010	0.0020
11	-4.50	0.	0.	11	-3.00	0.	0.	11	-4.00	0.0029	0.0049
12	-4.35	0.	0.	12	-2.90	0.	0.	12	-3.80	0.0051	0.0101
13	-4.20	0.	0.	13	-2.80	0.	0.	13	-3.60	0.0085	0.0186
14	-4.05	0.	0.	14	-2.70	0.	0.	14	-3.40	0.0120	0.0306
15	-3.90	0.0006	0.0006	15	-2.60	0.	0.	15	-3.20	0.0185	0.0492
16	-3.75	0.0021	0.0027	16	-2.50	0.	0.	16	-3.00	0.0229	0.0721
17	-3.60	0.0043	0.0070	17	-2.40	0.	0.	17	-2.80	0.0281	0.1001
18	-3.45	0.0063	0.0133	18	-2.30	0.	0.	18	-2.60	0.0337	0.1338
19	-3.30	0.0076	0.0209	19	-2.20	0.	0.	19	-2.40	0.0340	0.1679
20	-3.15	0.0105	0.0314	20	-2.10	0.0001	0.0001	20	-2.20	0.0360	0.2039
21	-3.00	0.0131	0.0444	21	-2.00	0.0001	0.0001	21	-2.00	0.0351	0.2390
22	-2.85	0.0176	0.0621	22	-1.90	0.0001	0.0003	22	-1.80	0.0363	0.2754
23	-2.70	0.0235	0.0856	23	-1.80	0.0003	0.0006	23	-1.60	0.0321	0.3074
24	-2.55	0.0263	0.1119	24	-1.70	0.0003	0.0009	24	-1.40	0.0304	0.3378
25	-2.40	0.0313	0.1431	25	-1.60	0.0003	0.0012	25	-1.20	0.0254	0.3632
26	-2.25	0.0294	0.1726	26	-1.50	0.0004	0.0016	26	-1.00	0.0282	0.3914
27	-2.10	0.0281	0.2006	27	-1.40	0.0008	0.0024	27	-0.80	0.0254	0.4168
28	-1.95	0.0313	0.2319	28	-1.30	0.0015	0.0038	28	-0.60	0.0271	0.4439
29	-1.80	0.0279	0.2599	29	-1.20	0.0026	0.0064	29	-0.40	0.0255	0.4694
30	-1.65	0.0259	0.2858	30	-1.10	0.0052	0.0116	30	-0.20	0.0258	0.4952
31	-1.50	0.0209	0.3067	31	-1.00	0.0079	0.0194	31	0.	0.0280	0.5232
32	-1.35	0.0241	0.3308	32	-0.90	0.0145	0.0340	32	0.20	0.0260	0.5492
33	-1.20	0.0212	0.3519	33	-0.80	0.0226	0.0566	33	0.40	0.0280	0.5772
34	-1.05	0.0190	0.3710	34	-0.70	0.0349	0.0915	34	0.60	0.0306	0.6077
35	-0.90	0.0202	0.3912	35	-0.60	0.0499	0.1413	35	0.80	0.0322	0.6399
36	-0.75	0.0188	0.4100	36	-0.50	0.0620	0.2033	36	1.00	0.0331	0.6731
37	-0.60	0.0209	0.4309	37	-0.40	0.0687	0.2720	37	1.20	0.0358	0.7088
38	-0.45	0.0196	0.4505	38	-0.30	0.0806	0.3526	38	1.40	0.0363	0.7471
39	-0.30	0.0189	0.4694	39	-0.20	0.0874	0.4400	39	1.60	0.0408	0.7879
40	-0.15	0.0202	0.4896	40	-0.10	0.0901	0.5301	40	1.80	0.0357	0.8235
41	0.	0.0179	0.5074	41	0.	0.0875	0.6176	41	2.00	0.0365	0.8601
42	0.15	0.0210	0.5284	42	0.10	0.0917	0.7093	42	2.20	0.0310	0.8911
43	0.30	0.0223	0.5507	43	0.20	0.0735	0.7829	43	2.40	0.0288	0.9199
44	0.45	0.0203	0.5710	44	0.30	0.0607	0.8435	44	2.60	0.0245	0.9444
45	0.60	0.0192	0.5902	45	0.40	0.0447	0.8883	45	2.80	0.0182	0.9626
46	0.75	0.0208	0.6110	46	0.50	0.0320	0.9203	46	3.00	0.0129	0.9756
47	0.90	0.0251	0.6361	47	0.60	0.0269	0.9472	47	3.20	0.0095	0.9851
48	1.05	0.0247	0.6608	48	0.70	0.0205	0.9677	48	3.40	0.0059	0.9910
49	1.20	0.0267	0.6876	49	0.80	0.0133	0.9810	49	3.60	0.0044	0.9954
50	1.35	0.0283	0.7158	50	0.90	0.0077	0.9888	50	3.80	0.0022	0.9976
51	1.50	0.0303	0.7461	51	1.00	0.0039	0.9926	51	4.00	0.0013	0.9990
52	1.65	0.0292	0.7754	52	1.10	0.0024	0.9951	52	4.20	0.0006	0.9996
53	1.80	0.0315	0.8068	53	1.20	0.0016	0.9967	53	4.40	0.0001	0.9997
54	1.95	0.0315	0.8383	54	1.30	0.0013	0.9980	54	4.60	0.0003	1.0000
55	2.10	0.0279	0.8662	55	1.40	0.0008	0.9988	55	4.80	0.	1.0000
56	2.25	0.0266	0.8928	56	1.50	0.0001	0.9989	56	5.00	0.	1.0000
57	2.40	0.0240	0.9167	57	1.60	0.0005	0.9994	57	5.20	0.	1.0000
58	2.55	0.0199	0.9367	58	1.70	0.0001	0.9995	58	5.40	0.	1.0000
59	2.70	0.0201	0.9567	59	1.80	0.0001	0.9996	59	5.60	0.	1.0000
60	2.85	0.0142	0.9709	60	1.90	0.0001	0.9997	60	5.80	0.	1.0000
61	3.00	0.0090	0.9799	61	2.00	0.	0.9997	61	6.00	0.	1.0000
62	3.15	0.0064	0.9863	62	2.10	0.0002	0.9999				
63	3.30	0.0047	0.9910	63	2.20	0.0001	0.9999				
64	3.45	0.0035	0.9946	64	2.30	0.0001	1.0000				
65	3.60	0.0028	0.9974	65	2.40	0.	1.0000				
66	3.75	0.0022	0.9996	66	2.50	0.	1.0000				
67	3.90	0.0004	1.0000	67	2.60	0.	1.0000				
68	4.05	0.	1.0000	68	2.70	0.	1.0000				
69	4.20	0.	1.0000	69	2.80	0.	1.0000				
70	4.35	0.	1.0000	70	2.90	0.	1.0000				
71	4.50	0.	1.0000	71	3.00	0.	1.0000				
72	4.65	0.	1.0000	72	3.10	0.	1.0000				
73	4.80	0.	1.0000	73	3.20	0.	1.0000				
74	4.95	0.	1.0000	74	3.30	0.	1.0000				
75	5.10	0.	1.0000	75	3.40	0.	1.0000				
76	5.25	0.	1.0000	76	3.50	0.	1.0000				
77	5.40	0.	1.0000	77	3.60	0.	1.0000				
78	5.55	0.	1.0000	78	3.70	0.	1.0000				
79	5.70	0.	1.0000	79	3.80	0.	1.0000				
80	5.85	0.	1.0000	80	3.90	0.	1.0000				
81	6.00	0.	1.0000	81	4.00	0.	1.0000				

I - INTERVAL NUMBER X - INTERVAL CENTER VALUE

P(X) - PROBABILITY MASS FUNCTION F(X) - CUMULATIVE DISTRIBUTION FUNCTION

CHARLESTON S.C.

STATISTICS FOR MAY

ASTRONOMICAL TIDE

MEAN-0.05 STND DEV 1.87

I	X	P(X)	F(X)
1	-6.00	0.	0.
2	-5.85	0.	0.
3	-5.70	0.	0.
4	-5.55	0.	0.
5	-5.40	0.	0.
6	-5.25	0.	0.
7	-5.10	0.	0.
8	-4.95	0.	0.
9	-4.80	0.	0.
10	-4.65	0.	0.
11	-4.50	0.	0.
12	-4.35	0.	0.
13	-4.20	0.	0.
14	-4.05	0.	0.
15	-3.90	0.0001	0.0001
16	-3.75	0.0016	0.0017
17	-3.60	0.0033	0.0050
18	-3.45	0.0054	0.0104
19	-3.30	0.0075	0.0179
20	-3.15	0.0092	0.0271
21	-3.00	0.0126	0.0397
22	-2.85	0.0186	0.0582
23	-2.70	0.0257	0.0839
24	-2.55	0.0270	0.1108
25	-2.40	0.0297	0.1405
26	-2.25	0.0314	0.1719
27	-2.10	0.0314	0.2033
28	-1.95	0.0280	0.2313
29	-1.80	0.0276	0.2589
30	-1.65	0.0240	0.2829
31	-1.50	0.0226	0.3055
32	-1.35	0.0231	0.3286
33	-1.20	0.0206	0.3493
34	-1.05	0.0208	0.3700
35	-0.90	0.0208	0.3909
36	-0.75	0.0192	0.4101
37	-0.60	0.0194	0.4294
38	-0.45	0.0198	0.4492
39	-0.30	0.0195	0.4687
40	-0.15	0.0189	0.4876
41	0.	0.0206	0.5081
42	0.15	0.0189	0.5270
43	0.30	0.0210	0.5480
44	0.45	0.0216	0.5696
45	0.60	0.0208	0.5904
46	0.75	0.0216	0.6120
47	0.90	0.0219	0.6339
48	1.05	0.0252	0.6591
49	1.20	0.0270	0.6862
50	1.35	0.0298	0.7159
51	1.50	0.0294	0.7454
52	1.65	0.0316	0.7770
53	1.80	0.0331	0.8102
54	1.95	0.0320	0.8421
55	2.10	0.0282	0.8703
56	2.25	0.0233	0.8936
57	2.40	0.0223	0.9159
58	2.55	0.0177	0.9336
59	2.70	0.0167	0.9503
60	2.85	0.0130	0.9632
61	3.00	0.0099	0.9731
62	3.15	0.0073	0.9804
63	3.30	0.0060	0.9864
64	3.45	0.0041	0.9905
65	3.60	0.0040	0.9945
66	3.75	0.0030	0.9975
67	3.90	0.0023	0.9997
68	4.05	0.0003	1.0000
69	4.20	0.	1.0000
70	4.35	0.	1.0000
71	4.50	0.	1.0000
72	4.65	0.	1.0000
73	4.80	0.	1.0000
74	4.95	0.	1.0000
75	5.10	0.	1.0000
76	5.25	0.	1.0000
77	5.40	0.	1.0000
78	5.55	0.	1.0000
79	5.70	0.	1.0000
80	5.85	0.	1.0000
81	6.00	0.	1.0000

STORM SURGE

MEAN 0.05 STND DEV 0.41

I	X	P(X)	F(X)
1	-4.00	0.	0.
2	-3.90	0.	0.
3	-3.80	0.	0.
4	-3.70	0.	0.
5	-3.60	0.	0.
6	-3.50	0.	0.
7	-3.40	0.	0.
8	-3.30	0.	0.
9	-3.20	0.	0.
10	-3.10	0.	0.
11	-3.00	0.	0.
12	-2.90	0.	0.
13	-2.80	0.	0.
14	-2.70	0.	0.
15	-2.60	0.	0.
16	-2.50	0.	0.
17	-2.40	0.	0.
18	-2.30	0.	0.
19	-2.20	0.	0.
20	-2.10	0.	0.
21	-2.00	0.	0.
22	-1.90	0.	0.
23	-1.80	0.	0.
24	-1.70	0.	0.
25	-1.60	0.	0.
26	-1.50	0.	0.
27	-1.40	0.0001	0.0001
28	-1.30	0.0001	0.0001
29	-1.20	0.0005	0.0006
30	-1.10	0.0012	0.0018
31	-1.00	0.0041	0.0059
32	-0.90	0.0077	0.0136
33	-0.80	0.0121	0.0257
34	-0.70	0.0180	0.0437
35	-0.60	0.0227	0.0664
36	-0.50	0.0353	0.1017
37	-0.40	0.0513	0.1530
38	-0.30	0.0674	0.2204
39	-0.20	0.0845	0.3049
40	-0.10	0.0909	0.3957
41	0.	0.1025	0.4982
42	0.10	0.1126	0.6109
43	0.20	0.0952	0.7060
44	0.30	0.0831	0.7891
45	0.40	0.0653	0.8544
46	0.50	0.0450	0.8994
47	0.60	0.0302	0.9296
48	0.70	0.0229	0.9525
49	0.80	0.0167	0.9693
50	0.90	0.0107	0.9800
51	1.00	0.0059	0.9859
52	1.10	0.0059	0.9919
53	1.20	0.0027	0.9945
54	1.30	0.0022	0.9967
55	1.40	0.0016	0.9983
56	1.50	0.0006	0.9989
57	1.60	0.0006	0.9995
58	1.70	0.0001	0.9997
59	1.80	0.0002	0.9999
60	1.90	0.0001	1.0000
61	2.00	0.	1.0000
62	2.10	0.	1.0000
63	2.20	0.	1.0000
64	2.30	0.	1.0000
65	2.40	0.	1.0000
66	2.50	0.	1.0000
67	2.60	0.	1.0000
68	2.70	0.	1.0000
69	2.80	0.	1.0000
70	2.90	0.	1.0000
71	3.00	0.	1.0000
72	3.10	0.	1.0000
73	3.20	0.	1.0000
74	3.30	0.	1.0000
75	3.40	0.	1.0000
76	3.50	0.	1.0000
77	3.60	0.	1.0000
78	3.70	0.	1.0000
79	3.80	0.	1.0000
80	3.90	0.	1.0000
81	4.00	0.	1.0000

TOTAL WATER LEVEL

MEAN 0.00 STND DEV 1.91

I	X	P(X)	F(X)
1	-6.00	0.	0.
2	-5.80	0.	0.
3	-5.60	0.	0.
4	-5.40	0.	0.
5	-5.20	0.	0.
6	-5.00	0.	0.
7	-4.80	0.	0.
8	-4.60	0.	0.
9	-4.40	0.0001	0.0001
10	-4.20	0.0003	0.0005
11	-4.00	0.0016	0.0021
12	-3.80	0.0032	0.0053
13	-3.60	0.0060	0.0113
14	-3.40	0.0083	0.0196
15	-3.20	0.0131	0.0327
16	-3.00	0.0197	0.0523
17	-2.80	0.0253	0.0776
18	-2.60	0.0333	0.1109
19	-2.40	0.0325	0.1434
20	-2.20	0.0346	0.1781
21	-2.00	0.0358	0.2139
22	-1.80	0.0348	0.2486
23	-1.60	0.0339	0.2825
24	-1.40	0.0328	0.3153
25	-1.20	0.0305	0.3458
26	-1.00	0.0264	0.3722
27	-0.80	0.0256	0.3978
28	-0.60	0.0262	0.4240
29	-0.40	0.0245	0.4485
30	-0.20	0.0268	0.4753
31	0.	0.0275	0.5028
32	0.20	0.0273	0.5301
33	0.40	0.0273	0.5574
34	0.60	0.0293	0.5867
35	0.80	0.0287	0.6154
36	1.00	0.0310	0.6464
37	1.20	0.0359	0.6823
38	1.40	0.0351	0.7174
39	1.60	0.0406	0.7580
40	1.80	0.0407	0.7987
41	2.00	0.0417	0.8404
42	2.20	0.0361	0.8764
43	2.40	0.0312	0.9077
44	2.60	0.0238	0.9315
45	2.80	0.0193	0.9508
46	3.00	0.0169	0.9676
47	3.20	0.0109	0.9786
48	3.40	0.0077	0.9862
49	3.60	0.0055	0.9917
50	3.80	0.0042	0.9959
51	4.00	0.0024	0.9983
52	4.20	0.0014	0.9997
53	4.40	0.0002	0.9999
54	4.60	0.0001	1.0000
55	4.80	0.	1.0000
56	5.00	0.	1.0000
57	5.20	0.	1.0000
58	5.40	0.	1.0000
59	5.60	0.	1.0000
60	5.80	0.	1.0000
61	6.00	0.	1.0000

I - INTERVAL NUMBER X - INTERVAL CENTER VALUE

P(X) - PROBABILITY MASS FUNCTION F(X) - CUMULATIVE DISTRIBUTION FUNCTION

CHARLESTON S.C.

STATISTICS FOR JUNE

ASTRONOMICAL TIDE				STORM SURGE				TOTAL WATER LEVEL			
MEAN-0.09		STND DEV 1.87		MEAN 0.14		STND DEV 0.40		MEAN 0.05		STND DEV 1.91	
I	X	P(X)	F(X)	I	X	P(X)	F(X)	I	X	P(X)	F(X)
1	-6.00	0.	0.	1	-4.00	0.	0.	1	-6.00	0.	0.
2	-5.85	0.	0.	2	-3.90	0.	0.	2	-5.80	0.	0.
3	-5.70	0.	0.	3	-3.80	0.	0.	3	-5.60	0.	0.
4	-5.55	0.	0.	4	-3.70	0.	0.	4	-5.40	0.	0.
5	-5.40	0.	0.	5	-3.60	0.	0.	5	-5.20	0.	0.
6	-5.25	0.	0.	6	-3.50	0.	0.	6	-5.00	0.	0.
7	-5.10	0.	0.	7	-3.40	0.	0.	7	-4.80	0.	0.
8	-4.95	0.	0.	8	-3.30	0.	0.	8	-4.60	0.	0.
9	-4.80	0.	0.	9	-3.20	0.	0.	9	-4.40	0.	0.
10	-4.65	0.	0.	10	-3.10	0.	0.	10	-4.20	0.0002	0.0002
11	-4.50	0.	0.	11	-3.00	0.	0.	11	-4.00	0.0006	0.0008
12	-4.35	0.	0.	12	-2.90	0.	0.	12	-3.80	0.0016	0.0024
13	-4.20	0.	0.	13	-2.80	0.	0.	13	-3.60	0.0042	0.0066
14	-4.05	0.	0.	14	-2.70	0.	0.	14	-3.40	0.0068	0.0134
15	-3.90	0.	0.	15	-2.60	0.	0.	15	-3.20	0.0141	0.0276
16	-3.75	0.0012	0.0012	16	-2.50	0.	0.	16	-3.00	0.0183	0.0458
17	-3.60	0.0023	0.0035	17	-2.40	0.	0.	17	-2.80	0.0256	0.0715
18	-3.45	0.0057	0.0092	18	-2.30	0.	0.	18	-2.60	0.0309	0.1024
19	-3.30	0.0070	0.0162	19	-2.20	0.	0.	19	-2.40	0.0333	0.1356
20	-3.15	0.0111	0.0273	20	-2.10	0.	0.	20	-2.20	0.0350	0.1706
21	-3.00	0.0169	0.0442	21	-2.00	0.	0.	21	-2.00	0.0365	0.2071
22	-2.85	0.0209	0.0651	22	-1.90	0.	0.	22	-1.80	0.0345	0.2415
23	-2.70	0.0250	0.0901	23	-1.80	0.	0.	23	-1.60	0.0343	0.2759
24	-2.55	0.0295	0.1197	24	-1.70	0.	0.	24	-1.40	0.0319	0.3078
25	-2.40	0.0329	0.1526	25	-1.60	0.	0.	25	-1.20	0.0290	0.3368
26	-2.25	0.0307	0.1833	26	-1.50	0.	0.	26	-1.00	0.0277	0.3645
27	-2.10	0.0290	0.2122	27	-1.40	0.	0.	27	-0.80	0.0276	0.3922
28	-1.95	0.0279	0.2401	28	-1.30	0.0001	0.0001	28	-0.60	0.0242	0.4164
29	-1.80	0.0250	0.2651	29	-1.20	0.0002	0.0002	29	-0.40	0.0283	0.4447
30	-1.65	0.0237	0.2887	30	-1.10	0.0004	0.0006	30	-0.20	0.0262	0.4709
31	-1.50	0.0231	0.3118	31	-1.00	0.0006	0.0012	31	0.	0.0253	0.4961
32	-1.35	0.0222	0.3341	32	-0.90	0.0015	0.0027	32	0.20	0.0259	0.5220
33	-1.20	0.0211	0.3552	33	-0.80	0.0028	0.0055	33	0.40	0.0275	0.5495
34	-1.05	0.0223	0.3775	34	-0.70	0.0083	0.0138	34	0.60	0.0273	0.5767
35	-0.90	0.0181	0.3956	35	-0.60	0.0152	0.0290	35	0.80	0.0323	0.6090
36	-0.75	0.0203	0.4159	36	-0.50	0.0257	0.0547	36	1.00	0.0311	0.6401
37	-0.60	0.0199	0.4358	37	-0.40	0.0408	0.0955	37	1.20	0.0322	0.6722
38	-0.45	0.0179	0.4537	38	-0.30	0.0626	0.1581	38	1.40	0.0385	0.7107
39	-0.30	0.0202	0.4739	39	-0.20	0.0860	0.2441	39	1.60	0.0425	0.7532
40	-0.15	0.0189	0.4928	40	-0.10	0.0925	0.3367	40	1.80	0.0385	0.7917
41	0.	0.0205	0.5132	41	0.	0.0968	0.4335	41	2.00	0.0390	0.8307
42	0.15	0.0205	0.5338	42	0.10	0.0967	0.5322	42	2.20	0.0345	0.8651
43	0.30	0.0200	0.5537	43	0.20	0.0953	0.6274	43	2.40	0.0331	0.8982
44	0.45	0.0207	0.5744	44	0.30	0.0853	0.7127	44	2.60	0.0289	0.9271
45	0.60	0.0215	0.5959	45	0.40	0.0775	0.7903	45	2.80	0.0212	0.9483
46	0.75	0.0212	0.6171	46	0.50	0.0643	0.8545	46	3.00	0.0169	0.9652
47	0.90	0.0249	0.6420	47	0.60	0.0417	0.8962	47	3.20	0.0114	0.9767
48	1.05	0.0243	0.6663	48	0.70	0.0320	0.9282	48	3.40	0.0094	0.9861
49	1.20	0.0257	0.6920	49	0.80	0.0197	0.9479	49	3.60	0.0052	0.9913
50	1.35	0.0303	0.7222	50	0.90	0.0179	0.9658	50	3.80	0.0032	0.9945
51	1.50	0.0322	0.7545	51	1.00	0.0128	0.9785	51	4.00	0.0029	0.9974
52	1.65	0.0372	0.7917	52	1.10	0.0079	0.9864	52	4.20	0.0021	0.9995
53	1.80	0.0326	0.8243	53	1.20	0.0067	0.9931	53	4.40	0.0004	0.9998
54	1.95	0.0288	0.8531	54	1.30	0.0031	0.9961	54	4.60	0.0002	1.0000
55	2.10	0.0246	0.8777	55	1.40	0.0017	0.9979	55	4.80	0.	1.0000
56	2.25	0.0231	0.9008	56	1.50	0.0008	0.9987	56	5.00	0.	1.0000
57	2.40	0.0198	0.9206	57	1.60	0.0006	0.9993	57	5.20	0.	1.0000
58	2.55	0.0170	0.9377	58	1.70	0.0005	0.9997	58	5.40	0.	1.0000
59	2.70	0.0131	0.9507	59	1.80	0.0002	0.9999	59	5.60	0.	1.0000
60	2.85	0.0125	0.9632	60	1.90	0.0001	1.0000	60	5.80	0.	1.0000
61	3.00	0.0107	0.9739	61	2.00	0.	1.0000	61	6.00	0.	1.0000
62	3.15	0.0076	0.9815	62	2.10	0.	1.0000				
63	3.30	0.0064	0.9879	63	2.20	0.	1.0000				
64	3.45	0.0045	0.9925	64	2.30	0.	1.0000				
65	3.60	0.0040	0.9965	65	2.40	0.	1.0000				
66	3.75	0.0023	0.9988	66	2.50	0.	1.0000				
67	3.90	0.0011	0.9999	67	2.60	0.	1.0000				
68	4.05	0.0001	1.0000	68	2.70	0.	1.0000				
69	4.20	0.	1.0000	69	2.80	0.	1.0000				
70	4.35	0.	1.0000	70	2.90	0.	1.0000				
71	4.50	0.	1.0000	71	3.00	0.	1.0000				
72	4.65	0.	1.0000	72	3.10	0.	1.0000				
73	4.80	0.	1.0000	73	3.20	0.	1.0000				
74	4.95	0.	1.0000	74	3.30	0.	1.0000				
75	5.10	0.	1.0000	75	3.40	0.	1.0000				
76	5.25	0.	1.0000	76	3.50	0.	1.0000				
77	5.40	0.	1.0000	77	3.60	0.	1.0000				
78	5.55	0.	1.0000	78	3.70	0.	1.0000				
79	5.70	0.	1.0000	79	3.80	0.	1.0000				
80	5.85	0.	1.0000	80	3.90	0.	1.0000				
81	6.00	0.	1.0000	81	4.00	0.	1.0000				

I - INTERVAL NUMBER X - INTERVAL CENTER VALUE

P(X) - PROBABILITY MASS FUNCTION F(X) - CUMULATIVE DISTRIBUTION FUNCTION

CHARLESTON S.C.

STATISTICS FOR JULY

ASTRONOMICAL TIDE				STORM SURGE				TOTAL WATER LEVEL			
MEAN-0.05		STND DEV 1.67		MEAN-0.08		STND DEV 0.41		MEAN-0.12		STND DEV 1.91	
I	X	P(X)	F(X)	I	X	P(X)	F(X)	I	X	P(X)	F(X)
1	-6.00	0.	0.	1	-4.00	0.	0.	1	-6.00	0.	0.
2	-5.85	0.	0.	2	-3.90	0.	0.	2	-5.80	0.	0.
3	-5.70	0.	0.	3	-3.80	0.	0.	3	-5.60	0.	0.
4	-5.55	0.	0.	4	-3.70	0.	0.	4	-5.40	0.	0.
5	-5.40	0.	0.	5	-3.60	0.	0.	5	-5.20	0.	0.
6	-5.25	0.	0.	6	-3.50	0.	0.	6	-5.00	0.	0.
7	-5.10	0.	0.	7	-3.40	0.	0.	7	-4.80	0.	0.
8	-4.95	0.	0.	8	-3.30	0.	0.	8	-4.60	0.0002	0.0002
9	-4.80	0.	0.	9	-3.20	0.	0.	9	-4.40	0.0005	0.0007
10	-4.65	0.	0.	10	-3.10	0.	0.	10	-4.20	0.0006	0.0013
11	-4.50	0.	0.	11	-3.00	0.	0.	11	-4.00	0.0017	0.0030
12	-4.35	0.	0.	12	-2.90	0.	0.	12	-3.80	0.0028	0.0059
13	-4.20	0.	0.	13	-2.80	0.	0.	13	-3.60	0.0077	0.0135
14	-4.05	0.	0.	14	-2.70	0.	0.	14	-3.40	0.0111	0.0247
15	-3.90	0.0001	0.0001	15	-2.60	0.	0.	15	-3.20	0.0185	0.0432
16	-3.75	0.0003	0.0003	16	-2.50	0.	0.	16	-3.00	0.0239	0.0671
17	-3.60	0.0028	0.0032	17	-2.40	0.	0.	17	-2.80	0.0312	0.0983
18	-3.45	0.0043	0.0075	18	-2.30	0.	0.	18	-2.60	0.0330	0.1313
19	-3.30	0.0076	0.0151	19	-2.20	0.	0.	19	-2.40	0.0360	0.1673
20	-3.15	0.0125	0.0276	20	-2.10	0.	0.	20	-2.20	0.0351	0.2024
21	-3.00	0.0161	0.0437	21	-2.00	0.	0.	21	-2.00	0.0357	0.2381
22	-2.85	0.0196	0.0633	22	-1.90	0.	0.	22	-1.80	0.0352	0.2733
23	-2.70	0.0237	0.0870	23	-1.80	0.	0.	23	-1.60	0.0326	0.3058
24	-2.55	0.0255	0.1126	24	-1.70	0.	0.	24	-1.40	0.0292	0.3350
25	-2.40	0.0317	0.1442	25	-1.60	0.	0.	25	-1.20	0.0289	0.3639
26	-2.25	0.0306	0.1749	26	-1.50	0.	0.	26	-1.00	0.0253	0.3891
27	-2.10	0.0282	0.2031	27	-1.40	0.0001	0.0001	27	-0.80	0.0252	0.4143
28	-1.95	0.0258	0.2289	28	-1.30	0.0001	0.0001	28	-0.60	0.0252	0.4395
29	-1.80	0.0263	0.2552	29	-1.20	0.0009	0.0010	29	-0.40	0.0276	0.4671
30	-1.65	0.0261	0.2813	30	-1.10	0.0015	0.0025	30	-0.20	0.0270	0.4941
31	-1.50	0.0265	0.3079	31	-1.00	0.0043	0.0069	31	0.	0.0262	0.5203
32	-1.35	0.0204	0.3282	32	-0.90	0.0119	0.0187	32	0.20	0.0282	0.5485
33	-1.20	0.0212	0.3495	33	-0.80	0.0218	0.0405	33	0.40	0.0280	0.5765
34	-1.05	0.0195	0.3689	34	-0.70	0.0332	0.0737	34	0.60	0.0265	0.6029
35	-0.90	0.0204	0.3894	35	-0.60	0.0466	0.1203	35	0.80	0.0335	0.6364
36	-0.75	0.0207	0.4101	36	-0.50	0.0604	0.1807	36	1.00	0.0349	0.6714
37	-0.60	0.0189	0.4290	37	-0.40	0.0741	0.2548	37	1.20	0.0394	0.7108
38	-0.45	0.0198	0.4488	38	-0.30	0.0914	0.3461	38	1.40	0.0367	0.7475
39	-0.30	0.0197	0.4685	39	-0.20	0.1034	0.4495	39	1.60	0.0389	0.7863
40	-0.15	0.0186	0.4871	40	-0.10	0.1033	0.5528	40	1.80	0.0352	0.8215
41	0.	0.0215	0.5086	41	0.	0.0900	0.6428	41	2.00	0.0379	0.8594
42	0.15	0.0202	0.5288	42	0.10	0.0804	0.7232	42	2.20	0.0325	0.8919
43	0.30	0.0188	0.5475	43	0.20	0.0730	0.7962	43	2.40	0.0289	0.9209
44	0.45	0.0208	0.5683	44	0.30	0.0564	0.8527	44	2.60	0.0241	0.9450
45	0.60	0.0195	0.5879	45	0.40	0.0440	0.8966	45	2.80	0.0163	0.9612
46	0.75	0.0229	0.6107	46	0.50	0.0315	0.9302	46	3.00	0.0143	0.9755
47	0.90	0.0235	0.6342	47	0.60	0.0211	0.9513	47	3.20	0.0089	0.9844
48	1.05	0.0258	0.6600	48	0.70	0.0152	0.9665	48	3.40	0.0077	0.9920
49	1.20	0.0256	0.6855	49	0.80	0.0140	0.9805	49	3.60	0.0034	0.9954
50	1.35	0.0290	0.7146	50	0.90	0.0086	0.9892	50	3.80	0.0028	0.9983
51	1.50	0.0313	0.7458	51	1.00	0.0051	0.9943	51	4.00	0.0009	0.9991
52	1.65	0.0334	0.7792	52	1.10	0.0031	0.9974	52	4.20	0.0004	0.9996
53	1.80	0.0316	0.8108	53	1.20	0.0009	0.9983	53	4.40	0.0003	0.9999
54	1.95	0.0287	0.8394	54	1.30	0.0007	0.9990	54	4.60	0.0001	1.0000
55	2.10	0.0274	0.8668	55	1.40	0.0005	0.9995	55	4.80	0.	1.0000
56	2.25	0.0236	0.8904	56	1.50	0.0002	0.9997	56	5.00	0.	1.0000
57	2.40	0.0224	0.9128	57	1.60	0.0002	0.9999	57	5.20	0.	1.0000
58	2.55	0.0199	0.9326	58	1.70	0.0001	1.0000	58	5.40	0.	1.0000
59	2.70	0.0173	0.9500	59	1.80	0.	1.0000	59	5.60	0.	1.0000
60	2.85	0.0151	0.9651	60	1.90	0.	1.0000	60	5.80	0.	1.0000
61	3.00	0.0108	0.9760	61	2.00	0.	1.0000	61	6.00	0.	1.0000
62	3.15	0.0066	0.9825	62	2.10	0.	1.0000				
63	3.30	0.0073	0.9898	63	2.20	0.	1.0000				
64	3.45	0.0047	0.9945	64	2.30	0.	1.0000				
65	3.60	0.0030	0.9975	65	2.40	0.	1.0000				
66	3.75	0.0018	0.9993	66	2.50	0.	1.0000				
67	3.90	0.0007	1.0000	67	2.60	0.	1.0000				
68	4.05	0.	1.0000	68	2.70	0.	1.0000				
69	4.20	0.	1.0000	69	2.80	0.	1.0000				
70	4.35	0.	1.0000	70	2.90	0.	1.0000				
71	4.50	0.	1.0000	71	3.00	0.	1.0000				
72	4.65	0.	1.0000	72	3.10	0.	1.0000				
73	4.80	0.	1.0000	73	3.20	0.	1.0000				
74	4.95	0.	1.0000	74	3.30	0.	1.0000				
75	5.10	0.	1.0000	75	3.40	0.	1.0000				
76	5.25	0.	1.0000	76	3.50	0.	1.0000				
77	5.40	0.	1.0000	77	3.60	0.	1.0000				
78	5.55	0.	1.0000	78	3.70	0.	1.0000				
79	5.70	0.	1.0000	79	3.80	0.	1.0000				
80	5.85	0.	1.0000	80	3.90	0.	1.0000				
81	6.00	0.	1.0000	81	4.00	0.	1.0000				

I - INTERVAL NUMBER X - INTERVAL CENTER VALUE

P(X) - PROBABILITY MASS FUNCTION F(X) - CUMULATIVE DISTRIBUTION FUNCTION

CHARLESTON S.C.

STATISTICS FOR AUGUST

ASTRONOMICAL TIDE				STORM SURGE				TOTAL WATER LEVEL			
MEAN 0.13		STND DEV 1.67		MEAN-0.12		STND DEV 0.40		MEAN 0.01		STND DEV 1.90	
I	X	P(X)	F(X)	I	X	P(X)	F(X)	I	X	P(X)	F(X)
1	-6.00	0.	0.	1	-4.00	0.	0.	1	-6.00	0.	0.
2	-5.85	0.	0.	2	-3.90	0.	0.	2	-5.80	0.	0.
3	-5.70	0.	0.	3	-3.80	0.	0.	3	-5.60	0.	0.
4	-5.55	0.	0.	4	-3.70	0.	0.	4	-5.40	0.	0.
5	-5.40	0.	0.	5	-3.60	0.	0.	5	-5.20	0.	0.
6	-5.25	0.	0.	6	-3.50	0.	0.	6	-5.00	0.	0.
7	-5.10	0.	0.	7	-3.40	0.	0.	7	-4.80	0.0002	0.0002
8	-4.95	0.	0.	8	-3.30	0.	0.	8	-4.60	0.0001	0.0002
9	-4.80	0.	0.	9	-3.20	0.	0.	9	-4.40	0.0005	0.0007
10	-4.65	0.	0.	10	-3.10	0.	0.	10	-4.20	0.0010	0.0017
11	-4.50	0.	0.	11	-3.00	0.	0.	11	-4.00	0.0015	0.0032
12	-4.35	0.	0.	12	-2.90	0.	0.	12	-3.80	0.0040	0.0072
13	-4.20	0.	0.	13	-2.80	0.	0.	13	-3.60	0.0048	0.0119
14	-4.05	0.	0.	14	-2.70	0.	0.	14	-3.40	0.0093	0.0212
15	-3.90	0.	0.	15	-2.60	0.	0.	15	-3.20	0.0116	0.0328
16	-3.75	0.	0.	16	-2.50	0.	0.	16	-3.00	0.0173	0.0501
17	-3.60	0.0013	0.0013	17	-2.40	0.	0.	17	-2.80	0.0243	0.0744
18	-3.45	0.0030	0.0043	18	-2.30	0.	0.	18	-2.60	0.0300	0.1044
19	-3.30	0.0047	0.0090	19	-2.20	0.	0.	19	-2.40	0.0350	0.1394
20	-3.15	0.0076	0.0166	20	-2.10	0.	0.	20	-2.20	0.0373	0.1767
21	-3.00	0.0101	0.0266	21	-2.00	0.	0.	21	-2.00	0.0361	0.2127
22	-2.85	0.0135	0.0401	22	-1.90	0.	0.	22	-1.80	0.0352	0.2479
23	-2.70	0.0183	0.0584	23	-1.80	0.	0.	23	-1.60	0.0312	0.2791
24	-2.55	0.0247	0.0830	24	-1.70	0.	0.	24	-1.40	0.0299	0.3090
25	-2.40	0.0253	0.1084	25	-1.60	0.	0.	25	-1.20	0.0314	0.3404
26	-2.25	0.0287	0.1371	26	-1.50	0.0002	0.0002	26	-1.00	0.0296	0.3699
27	-2.10	0.0290	0.1661	27	-1.40	0.0004	0.0006	27	-0.80	0.0274	0.3973
28	-1.95	0.0296	0.1957	28	-1.30	0.0006	0.0013	28	-0.60	0.0267	0.4240
29	-1.80	0.0260	0.2216	29	-1.20	0.0022	0.0034	29	-0.40	0.0243	0.4483
30	-1.65	0.0290	0.2506	30	-1.10	0.0037	0.0071	30	-0.20	0.0247	0.4729
31	-1.50	0.0247	0.2753	31	-1.00	0.0062	0.0133	31	0.	0.0291	0.5020
32	-1.35	0.0244	0.2997	32	-0.90	0.0106	0.0240	32	0.20	0.0264	0.5284
33	-1.20	0.0218	0.3215	33	-0.80	0.0190	0.0429	33	0.40	0.0272	0.5556
34	-1.05	0.0217	0.3432	34	-0.70	0.0311	0.0741	34	0.60	0.0276	0.5832
35	-0.90	0.0225	0.3657	35	-0.60	0.0515	0.1256	35	0.80	0.0317	0.6149
36	-0.75	0.0195	0.3852	36	-0.50	0.0715	0.1970	36	1.00	0.0344	0.6493
37	-0.60	0.0178	0.4029	37	-0.40	0.0941	0.2911	37	1.20	0.0353	0.6848
38	-0.45	0.0219	0.4248	38	-0.30	0.1034	0.3945	38	1.40	0.0345	0.7193
39	-0.30	0.0197	0.4445	39	-0.20	0.1050	0.4995	39	1.60	0.0381	0.7573
40	-0.15	0.0207	0.4652	40	-0.10	0.1011	0.6006	40	1.80	0.0389	0.7963
41	0.	0.0188	0.4839	41	0.	0.0690	0.6696	41	2.00	0.0400	0.8362
42	0.15	0.0180	0.5020	42	0.10	0.0801	0.7697	42	2.20	0.0361	0.8723
43	0.30	0.0203	0.5223	43	0.20	0.0618	0.8315	43	2.40	0.0331	0.9054
44	0.45	0.0212	0.5434	44	0.30	0.0466	0.8780	44	2.60	0.0275	0.9328
45	0.60	0.0215	0.5649	45	0.40	0.0336	0.9116	45	2.80	0.0223	0.9551
46	0.75	0.0198	0.5847	46	0.50	0.0236	0.9352	46	3.00	0.0177	0.9729
47	0.90	0.0230	0.6077	47	0.60	0.0201	0.9553	47	3.20	0.0105	0.9834
48	1.05	0.0224	0.6301	48	0.70	0.0145	0.9698	48	3.40	0.0073	0.9906
49	1.20	0.0240	0.6542	49	0.80	0.0129	0.9827	49	3.60	0.0040	0.9946
50	1.35	0.0268	0.6810	50	0.90	0.0078	0.9905	50	3.80	0.0022	0.9968
51	1.50	0.0289	0.7098	51	1.00	0.0050	0.9955	51	4.00	0.0014	0.9982
52	1.65	0.0308	0.7406	52	1.10	0.0028	0.9983	52	4.20	0.0010	0.9992
53	1.80	0.0285	0.7691	53	1.20	0.0013	0.9996	53	4.40	0.0007	0.9999
54	1.95	0.0305	0.7996	54	1.30	0.0002	0.9998	54	4.60	0.0001	1.0000
55	2.10	0.0312	0.8308	55	1.40	0.0001	0.9998	55	4.80	0.	1.0000
56	2.25	0.0292	0.8600	56	1.50	0.0001	0.9999	56	5.00	0.	1.0000
57	2.40	0.0245	0.8845	57	1.60	0.0001	1.0000	57	5.20	0.	1.0000
58	2.55	0.0229	0.9074	58	1.70	0.	1.0000	58	5.40	0.	1.0000
59	2.70	0.0229	0.9302	59	1.80	0.	1.0000	59	5.60	0.	1.0000
60	2.85	0.0193	0.9496	60	1.90	0.	1.0000	60	5.80	0.	1.0000
61	3.00	0.0169	0.9665	61	2.00	0.	1.0000	61	6.00	0.	1.0000
62	3.15	0.0126	0.9791	62	2.10	0.	1.0000				
63	3.30	0.0078	0.9868	63	2.20	0.	1.0000				
64	3.45	0.0057	0.9925	64	2.30	0.	1.0000				
65	3.60	0.0036	0.9961	65	2.40	0.	1.0000				
66	3.75	0.0027	0.9988	66	2.50	0.	1.0000				
67	3.90	0.0011	0.9999	67	2.60	0.	1.0000				
68	4.05	0.0001	1.0000	68	2.70	0.	1.0000				
69	4.20	0.	1.0000	69	2.80	0.	1.0000				
70	4.35	0.	1.0000	70	2.90	0.	1.0000				
71	4.50	0.	1.0000	71	3.00	0.	1.0000				
72	4.65	0.	1.0000	72	3.10	0.	1.0000				
73	4.80	0.	1.0000	73	3.20	0.	1.0000				
74	4.95	0.	1.0000	74	3.30	0.	1.0000				
75	5.10	0.	1.0000	75	3.40	0.	1.0000				
76	5.25	0.	1.0000	76	3.50	0.	1.0000				
77	5.40	0.	1.0000	77	3.60	0.	1.0000				
78	5.55	0.	1.0000	78	3.70	0.	1.0000				
79	5.70	0.	1.0000	79	3.80	0.	1.0000				
80	5.85	0.	1.0000	80	3.90	0.	1.0000				
81	6.00	0.	1.0000	81	4.00	0.	1.0000				

I - INTERVAL NUMBER X - INTERVAL CENTER VALUE

P(X) - PROBABILITY MASS FUNCTION F(X) - CUMULATIVE DISTRIBUTION FUNCTION

CHARLESTON S.C.

STATISTICS FOR SEPTEMBER

ASTRONOMICAL TIDE				STORM SURGE				TOTAL WATER LEVEL			
MEAN 0.34		STND DEV 1.87		MEAN 0.05		STND DEV 0.39		MEAN 0.39		STND DEV 1.91	
I	X	P(X)	F(X)	I	X	P(X)	F(X)	I	X	P(X)	F(X)
1	-6.00	0.	0.	1	-4.00	0.	0.	1	-6.00	0.	0.
2	-5.85	0.	0.	2	-3.90	0.	0.	2	-5.80	0.	0.
3	-5.70	0.	0.	3	-3.80	0.	0.	3	-5.60	0.	0.
4	-5.55	0.	0.	4	-3.70	0.	0.	4	-5.40	0.	0.
5	-5.40	0.	0.	5	-3.60	0.	0.	5	-5.20	0.	0.
6	-5.25	0.	0.	6	-3.50	0.	0.	6	-5.00	0.	0.
7	-5.10	0.	0.	7	-3.40	0.	0.	7	-4.80	0.	0.
8	-4.95	0.	0.	8	-3.30	0.	0.	8	-4.60	0.	0.
9	-4.80	0.	0.	9	-3.20	0.	0.	9	-4.40	0.	0.
10	-4.65	0.	0.	10	-3.10	0.	0.	10	-4.20	0.0001	0.0001
11	-4.50	0.	0.	11	-3.00	0.	0.	11	-4.00	0.0003	0.0003
12	-4.35	0.	0.	12	-2.90	0.	0.	12	-3.80	0.0009	0.0013
13	-4.20	0.	0.	13	-2.80	0.	0.	13	-3.60	0.0018	0.0030
14	-4.05	0.	0.	14	-2.70	0.	0.	14	-3.40	0.0035	0.0066
15	-3.90	0.	0.	15	-2.60	0.	0.	15	-3.20	0.0058	0.0124
16	-3.75	0.	0.	16	-2.50	0.	0.	16	-3.00	0.0113	0.0236
17	-3.60	0.	0.	17	-2.40	0.	0.	17	-2.80	0.0160	0.0396
18	-3.45	0.0016	0.0016	18	-2.30	0.	0.	18	-2.60	0.0215	0.0611
19	-3.30	0.0031	0.0048	19	-2.20	0.	0.	19	-2.40	0.0234	0.0844
20	-3.15	0.0050	0.0098	20	-2.10	0.	0.	20	-2.20	0.0292	0.1137
21	-3.00	0.0062	0.0160	21	-2.00	0.	0.	21	-2.00	0.0313	0.1450
22	-2.85	0.0093	0.0253	22	-1.90	0.	0.	22	-1.80	0.0375	0.1825
23	-2.70	0.0116	0.0368	23	-1.80	0.	0.	23	-1.60	0.0327	0.2151
24	-2.55	0.0167	0.0535	24	-1.70	0.	0.	24	-1.40	0.0354	0.2505
25	-2.40	0.0206	0.0741	25	-1.60	0.	0.	25	-1.20	0.0325	0.2830
26	-2.25	0.0249	0.0990	26	-1.50	0.	0.	26	-1.00	0.0326	0.3156
27	-2.10	0.0277	0.1267	27	-1.40	0.	0.	27	-0.80	0.0290	0.3446
28	-1.95	0.0272	0.1539	28	-1.30	0.	0.	28	-0.60	0.0278	0.3724
29	-1.80	0.0287	0.1826	29	-1.20	0.0003	0.0003	29	-0.40	0.0258	0.3982
30	-1.65	0.0292	0.2118	30	-1.10	0.0010	0.0013	30	-0.20	0.0283	0.4265
31	-1.50	0.0255	0.2374	31	-1.00	0.0033	0.0046	31	0.	0.0247	0.4512
32	-1.35	0.0290	0.2663	32	-0.90	0.0024	0.0071	32	0.20	0.0260	0.4772
33	-1.20	0.0266	0.2929	33	-0.80	0.0062	0.0133	33	0.40	0.0263	0.5035
34	-1.05	0.0214	0.3143	34	-0.70	0.0130	0.0263	34	0.60	0.0250	0.5286
35	-0.90	0.0202	0.3345	35	-0.60	0.0271	0.0534	35	0.80	0.0302	0.5588
36	-0.75	0.0216	0.3561	36	-0.50	0.0437	0.0971	36	1.00	0.0262	0.5850
37	-0.60	0.0209	0.3771	37	-0.40	0.0578	0.1549	37	1.20	0.0313	0.6163
38	-0.45	0.0206	0.3977	38	-0.30	0.0750	0.2299	38	1.40	0.0326	0.6489
39	-0.30	0.0205	0.4182	39	-0.20	0.0866	0.3165	39	1.60	0.0333	0.6821
40	-0.15	0.0189	0.4371	40	-0.10	0.0985	0.4151	40	1.80	0.0378	0.7199
41	0.	0.0171	0.4542	41	0.	0.1029	0.5180	41	2.00	0.0397	0.7597
42	0.15	0.0214	0.4756	42	0.10	0.0957	0.6137	42	2.20	0.0401	0.7997
43	0.30	0.0202	0.4958	43	0.20	0.0891	0.7027	43	2.40	0.0390	0.8387
44	0.45	0.0189	0.5146	44	0.30	0.0750	0.7777	44	2.60	0.0341	0.8728
45	0.60	0.0216	0.5362	45	0.40	0.0625	0.8402	45	2.80	0.0349	0.9077
46	0.75	0.0184	0.5546	46	0.50	0.0547	0.8949	46	3.00	0.0291	0.9367
47	0.90	0.0215	0.5761	47	0.60	0.0371	0.9320	47	3.20	0.0210	0.9578
48	1.05	0.0241	0.6002	48	0.70	0.0259	0.9578	48	3.40	0.0162	0.9740
49	1.20	0.0204	0.6206	49	0.80	0.0179	0.9757	49	3.60	0.0091	0.9830
50	1.35	0.0230	0.6436	50	0.90	0.0100	0.9857	50	3.80	0.0076	0.9907
51	1.50	0.0249	0.6686	51	1.00	0.0065	0.9922	51	4.00	0.0045	0.9951
52	1.65	0.0295	0.6980	52	1.10	0.0039	0.9961	52	4.20	0.0033	0.9984
53	1.80	0.0299	0.7279	53	1.20	0.0024	0.9984	53	4.40	0.0008	0.9992
54	1.95	0.0280	0.7559	54	1.30	0.0008	0.9992	54	4.60	0.0004	0.9997
55	2.10	0.0272	0.7831	55	1.40	0.0002	0.9994	55	4.80	0.0003	0.9999
56	2.25	0.0302	0.8133	56	1.50	0.0003	0.9998	56	5.00	0.0001	1.0000
57	2.40	0.0297	0.8430	57	1.60	0.0003	1.0000	57	5.20	0.	1.0000
58	2.55	0.0284	0.8714	58	1.70	0.	1.0000	58	5.40	0.	1.0000
59	2.70	0.0269	0.8982	59	1.80	0.	1.0000	59	5.60	0.	1.0000
60	2.85	0.0250	0.9232	60	1.90	0.	1.0000	60	5.80	0.	1.0000
61	3.00	0.0214	0.9447	61	2.00	0.	1.0000	61	6.00	0.	1.0000
62	3.15	0.0189	0.9635	62	2.10	0.	1.0000				
63	3.30	0.0126	0.9761	63	2.20	0.	1.0000				
64	3.45	0.0093	0.9854	64	2.30	0.	1.0000				
65	3.60	0.0072	0.9925	65	2.40	0.	1.0000				
66	3.75	0.0045	0.9971	66	2.50	0.	1.0000				
67	3.90	0.0021	0.9991	67	2.60	0.	1.0000				
68	4.05	0.0007	0.9998	68	2.70	0.	1.0000				
69	4.20	0.0002	1.0000	69	2.80	0.	1.0000				
70	4.35	0.	1.0000	70	2.90	0.	1.0000				
71	4.50	0.	1.0000	71	3.00	0.	1.0000				
72	4.65	0.	1.0000	72	3.10	0.	1.0000				
73	4.80	0.	1.0000	73	3.20	0.	1.0000				
74	4.95	0.	1.0000	74	3.30	0.	1.0000				
75	5.10	0.	1.0000	75	3.40	0.	1.0000				
76	5.25	0.	1.0000	76	3.50	0.	1.0000				
77	5.40	0.	1.0000	77	3.60	0.	1.0000				
78	5.55	0.	1.0000	78	3.70	0.	1.0000				
79	5.70	0.	1.0000	79	3.80	0.	1.0000				
80	5.85	0.	1.0000	80	3.90	0.	1.0000				
81	6.00	0.	1.0000	81	4.00	0.	1.0000				

I - INTERVAL NUMBER X - INTERVAL CENTER VALUE

P(X) - PROBABILITY MASS FUNCTION F(X) - CUMULATIVE DISTRIBUTION FUNCTION

CHARLESTON S.C.

STATISTICS FOR OCTOBER

ASTRONOMICAL TIDE				STORM SURGE				TOTAL WATER LEVEL			
MEAN 0.39		STND DEV 1.88		MEAN 0.18		STND DEV 0.40		MEAN 0.57		STND DEV 1.91	
I	X	P(X)	F(X)	I	X	P(X)	F(X)	I	X	P(X)	F(X)
1	-6.00	0.	0.	1	-4.00	0.	0.	1	-6.00	0.	0.
2	-5.85	0.	0.	2	-3.90	0.	0.	2	-5.80	0.	0.
3	-5.70	0.	0.	3	-3.80	0.	0.	3	-5.60	0.	0.
4	-5.55	0.	0.	4	-3.70	0.	0.	4	-5.40	0.	0.
5	-5.40	0.	0.	5	-3.60	0.	0.	5	-5.20	0.	0.
6	-5.25	0.	0.	6	-3.50	0.	0.	6	-5.00	0.	0.
7	-5.10	0.	0.	7	-3.40	0.	0.	7	-4.80	0.	0.
8	-4.95	0.	0.	8	-3.30	0.	0.	8	-4.60	0.	0.
9	-4.80	0.	0.	9	-3.20	0.	0.	9	-4.40	0.	0.
10	-4.65	0.	0.	10	-3.10	0.	0.	10	-4.20	0.	0.
11	-4.50	0.	0.	11	-3.00	0.	0.	11	-4.00	0.	0.
12	-4.35	0.	0.	12	-2.90	0.	0.	12	-3.80	0.0002	0.0002
13	-4.20	0.	0.	13	-2.80	0.	0.	13	-3.60	0.0014	0.0016
14	-4.05	0.	0.	14	-2.70	0.	0.	14	-3.40	0.0019	0.0035
15	-3.90	0.	0.	15	-2.60	0.	0.	15	-3.20	0.0056	0.0091
16	-3.75	0.	0.	16	-2.50	0.	0.	16	-3.00	0.0075	0.0165
17	-3.60	0.0001	0.0001	17	-2.40	0.	0.	17	-2.80	0.0095	0.0260
18	-3.45	0.0011	0.0012	18	-2.30	0.	0.	18	-2.60	0.0125	0.0385
19	-3.30	0.0026	0.0038	19	-2.20	0.	0.	19	-2.40	0.0187	0.0572
20	-3.15	0.0047	0.0084	20	-2.10	0.	0.	20	-2.20	0.0256	0.0829
21	-3.00	0.0061	0.0145	21	-2.00	0.	0.	21	-2.00	0.0297	0.1126
22	-2.85	0.0088	0.0233	22	-1.90	0.	0.	22	-1.80	0.0346	0.1472
23	-2.70	0.0092	0.0325	23	-1.80	0.	0.	23	-1.60	0.0345	0.1817
24	-2.55	0.0144	0.0469	24	-1.70	0.	0.	24	-1.40	0.0369	0.2185
25	-2.40	0.0179	0.0648	25	-1.60	0.	0.	25	-1.20	0.0331	0.2516
26	-2.25	0.0236	0.0884	26	-1.50	0.	0.	26	-1.00	0.0294	0.2810
27	-2.10	0.0260	0.1143	27	-1.40	0.	0.	27	-0.80	0.0339	0.3149
28	-1.95	0.0264	0.1407	28	-1.30	0.0002	0.0002	28	-0.60	0.0298	0.3447
29	-1.80	0.0311	0.1718	29	-1.20	0.0002	0.0003	29	-0.40	0.0300	0.3746
30	-1.65	0.0280	0.1998	30	-1.10	0.0009	0.0012	30	-0.20	0.0262	0.4008
31	-1.50	0.0306	0.2304	31	-1.00	0.0025	0.0037	31	0.	0.0252	0.4260
32	-1.35	0.0285	0.2589	32	-0.90	0.0037	0.0074	32	0.20	0.0269	0.4529
33	-1.20	0.0228	0.2817	33	-0.80	0.0076	0.0149	33	0.40	0.0272	0.4801
34	-1.05	0.0240	0.3057	34	-0.70	0.0087	0.0236	34	0.60	0.0279	0.5080
35	-0.90	0.0224	0.3281	35	-0.60	0.0132	0.0368	35	0.80	0.0280	0.5360
36	-0.75	0.0232	0.3513	36	-0.50	0.0210	0.0577	36	1.00	0.0238	0.5598
37	-0.60	0.0191	0.3704	37	-0.40	0.0304	0.0882	37	1.20	0.0300	0.5898
38	-0.45	0.0186	0.3890	38	-0.30	0.0438	0.1319	38	1.40	0.0319	0.6216
39	-0.30	0.0220	0.4110	39	-0.20	0.0578	0.1897	39	1.60	0.0319	0.6535
40	-0.15	0.0194	0.4304	40	-0.10	0.0811	0.2708	40	1.80	0.0329	0.6864
41	0.	0.0190	0.4494	41	0.	0.1043	0.3751	41	2.00	0.0381	0.7245
42	0.15	0.0188	0.4682	42	0.10	0.1004	0.4754	42	2.20	0.0379	0.7624
43	0.30	0.0197	0.4879	43	0.20	0.0972	0.5727	43	2.40	0.0400	0.8023
44	0.45	0.0202	0.5081	44	0.30	0.0984	0.6711	44	2.60	0.0367	0.8390
45	0.60	0.0195	0.5275	45	0.40	0.0888	0.7599	45	2.80	0.0385	0.8776
46	0.75	0.0202	0.5478	46	0.50	0.0672	0.8271	46	3.00	0.0340	0.9115
47	0.90	0.0212	0.5689	47	0.60	0.0524	0.8795	47	3.20	0.0269	0.9384
48	1.05	0.0216	0.5905	48	0.70	0.0458	0.9253	48	3.40	0.0227	0.9611
49	1.20	0.0219	0.6123	49	0.80	0.0303	0.9555	49	3.60	0.0151	0.9762
50	1.35	0.0238	0.6362	50	0.90	0.0210	0.9765	50	3.80	0.0098	0.9860
51	1.50	0.0249	0.6611	51	1.00	0.0125	0.9890	51	4.00	0.0064	0.9924
52	1.65	0.0256	0.6867	52	1.10	0.0063	0.9953	52	4.20	0.0031	0.9956
53	1.80	0.0295	0.7162	53	1.20	0.0028	0.9981	53	4.40	0.0028	0.9984
54	1.95	0.0282	0.7444	54	1.30	0.0011	0.9992	54	4.60	0.0010	0.9994
55	2.10	0.0303	0.7747	55	1.40	0.0004	0.9996	55	4.80	0.0005	0.9999
56	2.25	0.0296	0.8043	56	1.50	0.0003	0.9999	56	5.00	0.0001	1.0000
57	2.40	0.0278	0.8321	57	1.60	0.0001	1.0000	57	5.20	0.	1.0000
58	2.55	0.0290	0.8611	58	1.70	0.	1.0000	58	5.40	0.	1.0000
59	2.70	0.0289	0.8900	59	1.80	0.	1.0000	59	5.60	0.	1.0000
60	2.85	0.0260	0.9160	60	1.90	0.	1.0000	60	5.80	0.	1.0000
61	3.00	0.0203	0.9363	61	2.00	0.	1.0000	61	6.00	0.	1.0000
62	3.15	0.0204	0.9567	62	2.10	0.	1.0000				
63	3.30	0.0143	0.9710	63	2.20	0.	1.0000				
64	3.45	0.0091	0.9800	64	2.30	0.	1.0000				
65	3.60	0.0074	0.9875	65	2.40	0.	1.0000				
66	3.75	0.0048	0.9923	66	2.50	0.	1.0000				
67	3.90	0.0033	0.9956	67	2.60	0.	1.0000				
68	4.05	0.0026	0.9982	68	2.70	0.	1.0000				
69	4.20	0.0013	0.9996	69	2.80	0.	1.0000				
70	4.35	0.0004	1.0000	70	2.90	0.	1.0000				
71	4.50	0.	1.0000	71	3.00	0.	1.0000				
72	4.65	0.	1.0000	72	3.10	0.	1.0000				
73	4.80	0.	1.0000	73	3.20	0.	1.0000				
74	4.95	0.	1.0000	74	3.30	0.	1.0000				
75	5.10	0.	1.0000	75	3.40	0.	1.0000				
76	5.25	0.	1.0000	76	3.50	0.	1.0000				
77	5.40	0.	1.0000	77	3.60	0.	1.0000				
78	5.55	0.	1.0000	78	3.70	0.	1.0000				
79	5.70	0.	1.0000	79	3.80	0.	1.0000				
80	5.85	0.	1.0000	80	3.90	0.	1.0000				
81	6.00	0.	1.0000	81	4.00	0.	1.0000				

I - INTERVAL NUMBER X - INTERVAL CENTER VALUE

P(X) - PROBABILITY MASS FUNCTION F(X) - CUMULATIVE DISTRIBUTION FUNCTION

CHARLESTON S.C.

STATISTICS FOR NOVEMBER

ASTRONOMICAL TIDE

MEAN 0.22 STND DEV 1.67

I	X	P(X)	F(X)
1	-6.00	0.	0.
2	-5.85	0.	0.
3	-5.70	0.	0.
4	-5.55	0.	0.
5	-5.40	0.	0.
6	-5.25	0.	0.
7	-5.10	0.	0.
8	-4.95	0.	0.
9	-4.80	0.	0.
10	-4.65	0.	0.
11	-4.50	0.	0.
12	-4.35	0.	0.
13	-4.20	0.	0.
14	-4.05	0.	0.
15	-3.90	0.	0.
16	-3.75	0.0003	0.0003
17	-3.60	0.0008	0.0011
18	-3.45	0.0027	0.0038
19	-3.30	0.0039	0.0077
20	-3.15	0.0056	0.0132
21	-3.00	0.0086	0.0219
22	-2.85	0.0097	0.0315
23	-2.70	0.0158	0.0473
24	-2.55	0.0167	0.0640
25	-2.40	0.0233	0.0874
26	-2.25	0.0280	0.1154
27	-2.10	0.0309	0.1463
28	-1.95	0.0290	0.1753
29	-1.80	0.0318	0.2071
30	-1.65	0.0315	0.2386
31	-1.50	0.0258	0.2644
32	-1.35	0.0237	0.2881
33	-1.20	0.0226	0.3107
34	-1.05	0.0239	0.3346
35	-0.90	0.0200	0.3546
36	-0.75	0.0197	0.3743
37	-0.60	0.0192	0.3935
38	-0.45	0.0203	0.4137
39	-0.30	0.0192	0.4330
40	-0.15	0.0201	0.4531
41	0.	0.0195	0.4726
42	0.15	0.0186	0.4912
43	0.30	0.0209	0.5121
44	0.45	0.0194	0.5315
45	0.60	0.0211	0.5526
46	0.75	0.0212	0.5738
47	0.90	0.0202	0.5939
48	1.05	0.0225	0.6165
49	1.20	0.0220	0.6384
50	1.35	0.0240	0.6625
51	1.50	0.0276	0.6901
52	1.65	0.0283	0.7184
53	1.80	0.0329	0.7513
54	1.95	0.0309	0.7822
55	2.10	0.0325	0.8148
56	2.25	0.0295	0.8443
57	2.40	0.0289	0.8732
58	2.55	0.0267	0.8999
59	2.70	0.0210	0.9208
60	2.85	0.0211	0.9420
61	3.00	0.0161	0.9580
62	3.15	0.0111	0.9692
63	3.30	0.0080	0.9771
64	3.45	0.0057	0.9828
65	3.60	0.0059	0.9887
66	3.75	0.0038	0.9925
67	3.90	0.0037	0.9962
68	4.05	0.0025	0.9987
69	4.20	0.0012	0.9998
70	4.35	0.0002	1.0000
71	4.50	0.	1.0000
72	4.65	0.	1.0000
73	4.80	0.	1.0000
74	4.95	0.	1.0000
75	5.10	0.	1.0000
76	5.25	0.	1.0000
77	5.40	0.	1.0000
78	5.55	0.	1.0000
79	5.70	0.	1.0000
80	5.85	0.	1.0000
81	6.00	0.	1.0000

STORM SURGE

MEAN-0.05 STND DEV 0.47

I	X	P(X)	F(X)
1	-4.00	0.	0.
2	-3.90	0.	0.
3	-3.80	0.	0.
4	-3.70	0.	0.
5	-3.60	0.	0.
6	-3.50	0.	0.
7	-3.40	0.	0.
8	-3.30	0.	0.
9	-3.20	0.	0.
10	-3.10	0.	0.
11	-3.00	0.	0.
12	-2.90	0.	0.
13	-2.80	0.	0.
14	-2.70	0.	0.
15	-2.60	0.	0.
16	-2.50	0.0002	0.0002
17	-2.40	0.0001	0.0002
18	-2.30	0.0002	0.0004
19	-2.20	0.0002	0.0005
20	-2.10	0.0004	0.0010
21	-2.00	0.0006	0.0016
22	-1.90	0.0007	0.0022
23	-1.80	0.0007	0.0029
24	-1.70	0.0010	0.0038
25	-1.60	0.0011	0.0049
26	-1.50	0.0017	0.0066
27	-1.40	0.0017	0.0083
28	-1.30	0.0027	0.0110
29	-1.20	0.0050	0.0160
30	-1.10	0.0067	0.0227
31	-1.00	0.0111	0.0338
32	-0.90	0.0131	0.0469
33	-0.80	0.0188	0.0657
34	-0.70	0.0254	0.0911
35	-0.60	0.0328	0.1238
36	-0.50	0.0479	0.1717
37	-0.40	0.0643	0.2359
38	-0.30	0.0779	0.3138
39	-0.20	0.0841	0.3980
40	-0.10	0.0903	0.4882
41	0.	0.0895	0.5777
42	0.10	0.0805	0.6582
43	0.20	0.0800	0.7382
44	0.30	0.0702	0.8084
45	0.40	0.0583	0.8667
46	0.50	0.0437	0.9104
47	0.60	0.0323	0.9427
48	0.70	0.0252	0.9679
49	0.80	0.0130	0.9809
50	0.90	0.0077	0.9887
51	1.00	0.0048	0.9935
52	1.10	0.0024	0.9959
53	1.20	0.0010	0.9969
54	1.30	0.0006	0.9975
55	1.40	0.0004	0.9979
56	1.50	0.0001	0.9980
57	1.60	0.0002	0.9982
58	1.70	0.	0.9982
59	1.80	0.0002	0.9984
60	1.90	0.0004	0.9988
61	2.00	0.0003	0.9990
62	2.10	0.0002	0.9992
63	2.20	0.0004	0.9996
64	2.30	0.0002	0.9997
65	2.40	0.0002	0.9998
66	2.50	0.0002	1.0000
67	2.60	0.	1.0000
68	2.70	0.	1.0000
69	2.80	0.	1.0000
70	2.90	0.	1.0000
71	3.00	0.	1.0000
72	3.10	0.	1.0000
73	3.20	0.	1.0000
74	3.30	0.	1.0000
75	3.40	0.	1.0000
76	3.50	0.	1.0000
77	3.60	0.	1.0000
78	3.70	0.	1.0000
79	3.80	0.	1.0000
80	3.90	0.	1.0000
81	4.00	0.	1.0000

TOTAL WATER LEVEL

MEAN 0.17 STND DEV 1.94

I	X	P(X)	F(X)
1	-6.00	0.	0.
2	-5.80	0.	0.
3	-5.60	0.	0.
4	-5.40	0.	0.
5	-5.20	0.0001	0.0001
6	-5.00	0.0001	0.0002
7	-4.80	0.0001	0.0002
8	-4.60	0.0002	0.0004
9	-4.40	0.0007	0.0012
10	-4.20	0.0004	0.0016
11	-4.00	0.0013	0.0029
12	-3.80	0.0027	0.0055
13	-3.60	0.0047	0.0102
14	-3.40	0.0064	0.0166
15	-3.20	0.0110	0.0276
16	-3.00	0.0152	0.0428
17	-2.80	0.0186	0.0615
18	-2.60	0.0236	0.0851
19	-2.40	0.0297	0.1148
20	-2.20	0.0327	0.1475
21	-2.00	0.0365	0.1840
22	-1.80	0.0348	0.2188
23	-1.60	0.0348	0.2536
24	-1.40	0.0350	0.2887
25	-1.20	0.0316	0.3202
26	-1.00	0.0262	0.3464
27	-0.80	0.0272	0.3737
28	-0.60	0.0281	0.4017
29	-0.40	0.0278	0.4296
30	-0.20	0.0262	0.4558
31	0.	0.0251	0.4809
32	0.20	0.0271	0.5080
33	0.40	0.0267	0.5347
34	0.60	0.0295	0.5642
35	0.80	0.0258	0.5900
36	1.00	0.0294	0.6194
37	1.20	0.0319	0.6513
38	1.40	0.0367	0.6879
39	1.60	0.0337	0.7217
40	1.80	0.0372	0.7588
41	2.00	0.0397	0.7985
42	2.20	0.0364	0.8349
43	2.40	0.0405	0.8754
44	2.60	0.0320	0.9074
45	2.80	0.0247	0.9321
46	3.00	0.0200	0.9521
47	3.20	0.0169	0.9689
48	3.40	0.0113	0.9802
49	3.60	0.0074	0.9876
50	3.80	0.0057	0.9933
51	4.00	0.0032	0.9965
52	4.20	0.0021	0.9985
53	4.40	0.0008	0.9993
54	4.60	0.0002	0.9996
55	4.80	0.0002	0.9998
56	5.00	0.	0.9998
57	5.20	0.	0.9998
58	5.40	0.0001	0.9998
59	5.60	0.	0.9998
60	5.80	0.0001	0.9999
61	6.00	0.0001	1.0000

I - INTERVAL NUMBER X - INTERVAL CENTER VALUE

P(X) - PROBABILITY MASS FUNCTION F(X) - CUMULATIVE DISTRIBUTION FUNCTION

CHARLESTON S.C.

STATISTICS FOR DECEMBER

ASTRONOMICAL TIDE				STORM SURGE				TOTAL WATER LEVEL			
MEAN-0.08		STND DEV 1.67		MEAN-0.08		STND DEV 0.51		MEAN-0.15		STND DEV 1.93	
I	X	P(X)	F(X)	I	X	P(X)	F(X)	I	X	P(X)	F(X)
1	-6.00	0.	0.	1	-4.00	0.	0.	1	-6.00	0.	0.
2	-5.85	0.	0.	2	-3.90	0.	0.	2	-5.80	0.	0.
3	-5.70	0.	0.	3	-3.80	0.	0.	3	-5.60	0.	0.
4	-5.55	0.	0.	4	-3.70	0.	0.	4	-5.40	0.	0.
5	-5.40	0.	0.	5	-3.60	0.	0.	5	-5.20	0.	0.
6	-5.25	0.	0.	6	-3.50	0.	0.	6	-5.00	0.0002	0.0002
7	-5.10	0.	0.	7	-3.40	0.	0.	7	-4.80	0.0001	0.0003
8	-4.95	0.	0.	8	-3.30	0.	0.	8	-4.60	0.0002	0.0005
9	-4.80	0.	0.	9	-3.20	0.	0.	9	-4.40	0.0009	0.0015
10	-4.65	0.	0.	10	-3.10	0.	0.	10	-4.20	0.0018	0.0032
11	-4.50	0.	0.	11	-3.00	0.	0.	11	-4.00	0.0038	0.0071
12	-4.35	0.	0.	12	-2.90	0.	0.	12	-3.80	0.0054	0.0125
13	-4.20	0.	0.	13	-2.80	0.	0.	13	-3.60	0.0086	0.0211
14	-4.05	0.0001	0.0001	14	-2.70	0.	0.	14	-3.40	0.0130	0.0341
15	-3.90	0.0005	0.0006	15	-2.60	0.0001	0.0001	15	-3.20	0.0182	0.0524
16	-3.75	0.0024	0.0030	16	-2.50	0.	0.0001	16	-3.00	0.0230	0.0753
17	-3.60	0.0033	0.0063	17	-2.40	0.0002	0.0003	17	-2.80	0.0293	0.1048
18	-3.45	0.0050	0.0112	18	-2.30	0.0003	0.0005	18	-2.60	0.0332	0.1380
19	-3.30	0.0073	0.0185	19	-2.20	0.0003	0.0009	19	-2.40	0.0330	0.1710
20	-3.15	0.0109	0.0294	20	-2.10	0.0003	0.0011	20	-2.20	0.0346	0.2057
21	-3.00	0.0139	0.0433	21	-2.00	0.0003	0.0015	21	-2.00	0.0357	0.2413
22	-2.85	0.0202	0.0634	22	-1.90	0.0005	0.0020	22	-1.80	0.0342	0.2755
23	-2.70	0.0240	0.0874	23	-1.80	0.0007	0.0027	23	-1.60	0.0324	0.3079
24	-2.55	0.0277	0.1151	24	-1.70	0.0010	0.0037	24	-1.40	0.0304	0.3383
25	-2.40	0.0321	0.1472	25	-1.60	0.0013	0.0050	25	-1.20	0.0271	0.3654
26	-2.25	0.0301	0.1774	26	-1.50	0.0024	0.0075	26	-1.00	0.0279	0.3933
27	-2.10	0.0307	0.2081	27	-1.40	0.0043	0.0118	27	-0.80	0.0266	0.4198
28	-1.95	0.0288	0.2368	28	-1.30	0.0063	0.0181	28	-0.60	0.0282	0.4480
29	-1.80	0.0271	0.2639	29	-1.20	0.0073	0.0254	29	-0.40	0.0269	0.4749
30	-1.65	0.0249	0.2888	30	-1.10	0.0109	0.0363	30	-0.20	0.0245	0.4994
31	-1.50	0.0224	0.3112	31	-1.00	0.0125	0.0488	31	0.	0.0253	0.5247
32	-1.35	0.0231	0.3343	32	-0.90	0.0170	0.0658	32	0.20	0.0261	0.5508
33	-1.20	0.0205	0.3548	33	-0.80	0.0245	0.0903	33	0.40	0.0303	0.5811
34	-1.05	0.0176	0.3724	34	-0.70	0.0323	0.1225	34	0.60	0.0325	0.6136
35	-0.90	0.0209	0.3933	35	-0.60	0.0409	0.1634	35	0.80	0.0302	0.6438
36	-0.75	0.0208	0.4141	36	-0.50	0.0499	0.2133	36	1.00	0.0316	0.6754
37	-0.60	0.0193	0.4333	37	-0.40	0.0631	0.2764	37	1.20	0.0378	0.7132
38	-0.45	0.0207	0.4540	38	-0.30	0.0718	0.3483	38	1.40	0.0363	0.7495
39	-0.30	0.0182	0.4722	39	-0.20	0.0744	0.4226	39	1.60	0.0380	0.7875
40	-0.15	0.0195	0.4917	40	-0.10	0.0807	0.5034	40	1.80	0.0377	0.8252
41	0.	0.0194	0.5110	41	0.	0.0829	0.5862	41	2.00	0.0361	0.8613
42	0.15	0.0200	0.5310	42	0.10	0.0821	0.6684	42	2.20	0.0307	0.8920
43	0.30	0.0207	0.5517	43	0.20	0.0728	0.7411	43	2.40	0.0282	0.9202
44	0.45	0.0202	0.5719	44	0.30	0.0640	0.8051	44	2.60	0.0223	0.9425
45	0.60	0.0221	0.5940	45	0.40	0.0560	0.8611	45	2.80	0.0187	0.9612
46	0.75	0.0218	0.6159	46	0.50	0.0449	0.9060	46	3.00	0.0139	0.9751
47	0.90	0.0220	0.6379	47	0.60	0.0301	0.9361	47	3.20	0.0080	0.9831
48	1.05	0.0251	0.6630	48	0.70	0.0207	0.9568	48	3.40	0.0066	0.9897
49	1.20	0.0260	0.6890	49	0.80	0.0139	0.9707	49	3.60	0.0051	0.9948
50	1.35	0.0265	0.7155	50	0.90	0.0110	0.9817	50	3.80	0.0025	0.9972
51	1.50	0.0342	0.7497	51	1.00	0.0075	0.9892	51	4.00	0.0019	0.9991
52	1.65	0.0362	0.7860	52	1.10	0.0054	0.9946	52	4.20	0.0008	0.9999
53	1.80	0.0321	0.8180	53	1.20	0.0032	0.9977	53	4.40	0.0001	1.0000
54	1.95	0.0322	0.8502	54	1.30	0.0013	0.9990	54	4.60	0.	1.0000
55	2.10	0.0268	0.8770	55	1.40	0.0006	0.9996	55	4.80	0.	1.0000
56	2.25	0.0249	0.9020	56	1.50	0.0003	0.9999	56	5.00	0.	1.0000
57	2.40	0.0206	0.9226	57	1.60	0.0001	1.0000	57	5.20	0.	1.0000
58	2.55	0.0177	0.9403	58	1.70	0.	1.0000	58	5.40	0.	1.0000
59	2.70	0.0139	0.9542	59	1.80	0.	1.0000	59	5.60	0.	1.0000
60	2.85	0.0128	0.9670	60	1.90	0.	1.0000	60	5.80	0.	1.0000
61	3.00	0.0090	0.9760	61	2.00	0.	1.0000	61	6.00	0.	1.0000
62	3.15	0.0072	0.9832	62	2.10	0.	1.0000				
63	3.30	0.0053	0.9885	63	2.20	0.	1.0000				
64	3.45	0.0049	0.9934	64	2.30	0.	1.0000				
65	3.60	0.0031	0.9965	65	2.40	0.	1.0000				
66	3.75	0.0020	0.9985	66	2.50	0.	1.0000				
67	3.90	0.0012	0.9997	67	2.60	0.	1.0000				
68	4.05	0.0003	1.0000	68	2.70	0.	1.0000				
69	4.20	0.	1.0000	69	2.80	0.	1.0000				
70	4.35	0.	1.0000	70	2.90	0.	1.0000				
71	4.50	0.	1.0000	71	3.00	0.	1.0000				
72	4.65	0.	1.0000	72	3.10	0.	1.0000				
73	4.80	0.	1.0000	73	3.20	0.	1.0000				
74	4.95	0.	1.0000	74	3.30	0.	1.0000				
75	5.10	0.	1.0000	75	3.40	0.	1.0000				
76	5.25	0.	1.0000	76	3.50	0.	1.0000				
77	5.40	0.	1.0000	77	3.60	0.	1.0000				
78	5.55	0.	1.0000	78	3.70	0.	1.0000				
79	5.70	0.	1.0000	79	3.80	0.	1.0000				
80	5.85	0.	1.0000	80	3.90	0.	1.0000				
81	6.00	0.	1.0000	81	4.00	0.	1.0000				

I - INTERVAL NUMBER X - INTERVAL CENTER VALUE

P(X) - PROBABILITY MASS FUNCTION F(X) - CUMULATIVE DISTRIBUTION FUNCTION

FORT PULASKI GA.

YEARLY STATISTICS

ASTRONOMICAL TIDE				STORM SURGE				TOTAL WATER LEVEL			
MEAN 0.01		STND DEV 2.52		MEAN-0.01		STND DEV 0.51		MEAN-0.01		STND DEV 2.56	
I	X	P(X)	F(X)	I	X	P(X)	F(X)	I	X	P(X)	F(X)
1	-6.00	0.	0.	1	-4.00	0.	0.	1	-8.00	0.0000	0.0000
2	-5.85	0.	0.	2	-3.90	0.	0.	2	-7.80	0.0000	0.0000
3	-5.70	0.	0.	3	-3.80	0.	0.	3	-7.60	0.	0.0000
4	-5.55	0.0000	0.0000	4	-3.70	0.	0.	4	-7.40	0.	0.0000
5	-5.40	0.0001	0.0001	5	-3.60	0.0000	0.0000	5	-7.20	0.	0.0000
6	-5.25	0.0003	0.0005	6	-3.50	0.	0.0000	6	-7.00	0.0000	0.0000
7	-5.10	0.0007	0.0012	7	-3.40	0.	0.0000	7	-6.80	0.	0.0000
8	-4.95	0.0013	0.0025	8	-3.30	0.0000	0.0000	8	-6.60	0.0000	0.0000
9	-4.80	0.0021	0.0046	9	-3.20	0.0000	0.0000	9	-6.40	0.0001	0.0001
10	-4.65	0.0032	0.0078	10	-3.10	0.0000	0.0001	10	-6.20	0.0001	0.0002
11	-4.50	0.0042	0.0120	11	-3.00	0.0000	0.0001	11	-6.00	0.0003	0.0005
12	-4.35	0.0062	0.0182	12	-2.90	0.0000	0.0001	12	-5.80	0.0004	0.0009
13	-4.20	0.0074	0.0255	13	-2.80	0.0000	0.0001	13	-5.60	0.0008	0.0017
14	-4.05	0.0093	0.0348	14	-2.70	0.0000	0.0002	14	-5.40	0.0013	0.0030
15	-3.90	0.0116	0.0464	15	-2.60	0.0001	0.0003	15	-5.20	0.0022	0.0052
16	-3.75	0.0134	0.0598	16	-2.50	0.0001	0.0003	16	-5.00	0.0034	0.0086
17	-3.60	0.0161	0.0759	17	-2.40	0.0001	0.0004	17	-4.80	0.0052	0.0138
18	-3.45	0.0188	0.0947	18	-2.30	0.0001	0.0005	18	-4.60	0.0068	0.0206
19	-3.30	0.0208	0.1155	19	-2.20	0.0002	0.0007	19	-4.40	0.0088	0.0294
20	-3.15	0.0218	0.1373	20	-2.10	0.0001	0.0009	20	-4.20	0.0120	0.0414
21	-3.00	0.0226	0.1599	21	-2.00	0.0002	0.0011	21	-4.00	0.0146	0.0560
22	-2.85	0.0225	0.1825	22	-1.90	0.0004	0.0015	22	-3.80	0.0179	0.0739
23	-2.70	0.0223	0.2048	23	-1.80	0.0004	0.0019	23	-3.60	0.0213	0.0953
24	-2.55	0.0218	0.2265	24	-1.70	0.0007	0.0026	24	-3.40	0.0229	0.1182
25	-2.40	0.0203	0.2469	25	-1.60	0.0010	0.0037	25	-3.20	0.0244	0.1426
26	-2.25	0.0198	0.2667	26	-1.50	0.0013	0.0049	26	-3.00	0.0251	0.1677
27	-2.10	0.0187	0.2853	27	-1.40	0.0018	0.0067	27	-2.80	0.0258	0.1935
28	-1.95	0.0184	0.3037	28	-1.30	0.0028	0.0095	28	-2.60	0.0265	0.2199
29	-1.80	0.0171	0.3209	29	-1.20	0.0042	0.0137	29	-2.40	0.0255	0.2454
30	-1.65	0.0161	0.3370	30	-1.10	0.0062	0.0199	30	-2.20	0.0248	0.2702
31	-1.50	0.0162	0.3532	31	-1.00	0.0095	0.0294	31	-2.00	0.0237	0.2939
32	-1.35	0.0153	0.3685	32	-0.90	0.0138	0.0432	32	-1.80	0.0230	0.3169
33	-1.20	0.0151	0.3836	33	-0.80	0.0198	0.0630	33	-1.60	0.0224	0.3393
34	-1.05	0.0147	0.3983	34	-0.70	0.0276	0.0906	34	-1.40	0.0214	0.3606
35	-0.90	0.0151	0.4134	35	-0.60	0.0381	0.1287	35	-1.20	0.0214	0.3821
36	-0.75	0.0141	0.4275	36	-0.50	0.0494	0.1781	36	-1.00	0.0215	0.4036
37	-0.60	0.0142	0.4417	37	-0.40	0.0602	0.2383	37	-0.80	0.0203	0.4239
38	-0.45	0.0145	0.4561	38	-0.30	0.0701	0.3084	38	-0.60	0.0197	0.4436
39	-0.30	0.0145	0.4707	39	-0.20	0.0789	0.3873	39	-0.40	0.0193	0.4629
40	-0.15	0.0142	0.4849	40	-0.10	0.0829	0.4702	40	-0.20	0.0192	0.4821
41	0.	0.0143	0.4991	41	0.	0.0826	0.5527	41	0.	0.0198	0.5020
42	0.15	0.0145	0.5136	42	0.10	0.0807	0.6335	42	0.20	0.0200	0.5220
43	0.30	0.0149	0.5285	43	0.20	0.0743	0.7077	43	0.40	0.0206	0.5427
44	0.45	0.0148	0.5433	44	0.30	0.0652	0.7729	44	0.60	0.0210	0.5636
45	0.60	0.0154	0.5587	45	0.40	0.0548	0.8277	45	0.80	0.0210	0.5846
46	0.75	0.0151	0.5739	46	0.50	0.0452	0.8729	46	1.00	0.0218	0.6064
47	0.90	0.0154	0.5893	47	0.60	0.0344	0.9073	47	1.20	0.0231	0.6296
48	1.05	0.0160	0.6053	48	0.70	0.0259	0.9332	48	1.40	0.0242	0.6537
49	1.20	0.0155	0.6208	49	0.80	0.0193	0.9525	49	1.60	0.0255	0.6793
50	1.35	0.0170	0.6377	50	0.90	0.0146	0.9671	50	1.80	0.0261	0.7053
51	1.50	0.0180	0.6557	51	1.00	0.0114	0.9785	51	2.00	0.0277	0.7331
52	1.65	0.0189	0.6746	52	1.10	0.0075	0.9859	52	2.20	0.0290	0.7620
53	1.80	0.0200	0.6946	53	1.20	0.0050	0.9910	53	2.40	0.0294	0.7915
54	1.95	0.0209	0.7155	54	1.30	0.0028	0.9938	54	2.60	0.0294	0.8208
55	2.10	0.0225	0.7380	55	1.40	0.0021	0.9959	55	2.80	0.0287	0.8496
56	2.25	0.0237	0.7617	56	1.50	0.0014	0.9973	56	3.00	0.0265	0.8761
57	2.40	0.0245	0.7862	57	1.60	0.0008	0.9981	57	3.20	0.0246	0.9007
58	2.55	0.0244	0.8106	58	1.70	0.0006	0.9987	58	3.40	0.0220	0.9227
59	2.70	0.0234	0.8340	59	1.80	0.0004	0.9991	59	3.60	0.0183	0.9410
60	2.85	0.0221	0.8561	60	1.90	0.0003	0.9994	60	3.80	0.0154	0.9564
61	3.00	0.0208	0.8769	61	2.00	0.0002	0.9996	61	4.00	0.0116	0.9680
62	3.15	0.0200	0.8968	62	2.10	0.0001	0.9997	62	4.20	0.0098	0.9779
63	3.30	0.0180	0.9148	63	2.20	0.0001	0.9998	63	4.40	0.0072	0.9851
64	3.45	0.0152	0.9300	64	2.30	0.0001	0.9999	64	4.60	0.0051	0.9902
65	3.60	0.0141	0.9441	65	2.40	0.0001	0.9999	65	4.80	0.0036	0.9938
66	3.75	0.0121	0.9562	66	2.50	0.0000	1.0000	66	5.00	0.0028	0.9965
67	3.90	0.0102	0.9664	67	2.60	0.	1.0000	67	5.20	0.0014	0.9980
68	4.05	0.0082	0.9746	68	2.70	0.0000	1.0000	68	5.40	0.0010	0.9990
69	4.20	0.0063	0.9809	69	2.80	0.0000	1.0000	69	5.60	0.0005	0.9995
70	4.35	0.0051	0.9860	70	2.90	0.0000	1.0000	70	5.80	0.0003	0.9998
71	4.50	0.0040	0.9900	71	3.00	0.	1.0000	71	6.00	0.0001	0.9999
72	4.65	0.0030	0.9930	72	3.10	0.0000	1.0000	72	6.20	0.0001	1.0000
73	4.80	0.0025	0.9956	73	3.20	0.	1.0000	73	6.40	0.0000	1.0000
74	4.95	0.0018	0.9974	74	3.30	0.	1.0000	74	6.60	0.0000	1.0000
75	5.10	0.0012	0.9985	75	3.40	0.	1.0000	75	6.80	0.	1.0000
76	5.25	0.0007	0.9993	76	3.50	0.	1.0000	76	7.00	0.	1.0000
77	5.40	0.0003	0.9996	77	3.60	0.	1.0000	77	7.20	0.	1.0000
78	5.55	0.0003	0.9999	78	3.70	0.	1.0000	78	7.40	0.	1.0000
79	5.70	0.0001	1.0000	79	3.80	0.	1.0000	79	7.60	0.	1.0000
80	5.85	0.0000	1.0000	80	3.90	0.	1.0000	80	7.80	0.	1.0000
81	6.00	0.	1.0000	81	4.00	0.	1.0000	81	8.00	0.	1.0000

I - INTERVAL NUMBER X - INTERVAL CENTER VALUE

P(X) - PROBABILITY MASS FUNCTION F(X) - CUMULATIVE DISTRIBUTION FUNCTION

FORT PULASKI GA.

STATISTICS FOR JANUARY

ASTRONOMICAL TIDE				STORM SURGE				TOTAL WATER LEVEL			
MEAN-0.35		STND DEV 2.49		MEAN 0.02		STND DEV 0.53		MEAN-0.33		STND DEV 2.55	
I	X	P(X)	F(X)	I	X	P(X)	F(X)	I	X	P(X)	F(X)
1	-6.00	0.	0.	1	-4.00	0.	0.	1	-8.00	0.	0.
2	-5.85	0.	0.	2	-3.90	0.	0.	2	-7.80	0.	0.
3	-5.70	0.	0.	3	-3.80	0.	0.	3	-7.60	0.	0.
4	-5.55	0.	0.	4	-3.70	0.	0.	4	-7.40	0.	0.
5	-5.40	0.0001	0.0001	5	-3.60	0.	0.	5	-7.20	0.	0.
6	-5.25	0.0012	0.0013	6	-3.50	0.	0.	6	-7.00	0.	0.
7	-5.10	0.0019	0.0032	7	-3.40	0.	0.	7	-6.80	0.	0.
8	-4.95	0.0038	0.0070	8	-3.30	0.	0.	8	-6.60	0.	0.
9	-4.80	0.0038	0.0108	9	-3.20	0.	0.	9	-6.40	0.	0.
10	-4.65	0.0051	0.0159	10	-3.10	0.	0.	10	-6.20	0.0002	0.0002
11	-4.50	0.0072	0.0232	11	-3.00	0.	0.	11	-6.00	0.0006	0.0008
12	-4.35	0.0088	0.0320	12	-2.90	0.	0.	12	-5.80	0.0007	0.0015
13	-4.20	0.0105	0.0425	13	-2.80	0.	0.	13	-5.60	0.0018	0.0033
14	-4.05	0.0146	0.0571	14	-2.70	0.	0.	14	-5.40	0.0028	0.0061
15	-3.90	0.0170	0.0741	15	-2.60	0.0001	0.0001	15	-5.20	0.0037	0.0098
16	-3.75	0.0223	0.0965	16	-2.50	0.0001	0.0001	16	-5.00	0.0048	0.0146
17	-3.60	0.0226	0.1191	17	-2.40	0.0003	0.0004	17	-4.80	0.0080	0.0226
18	-3.45	0.0246	0.1437	18	-2.30	0.0001	0.0006	18	-4.60	0.0092	0.0317
19	-3.30	0.0252	0.1689	19	-2.20	0.0002	0.0008	19	-4.40	0.0114	0.0431
20	-3.15	0.0245	0.1934	20	-2.10	0.0001	0.0010	20	-4.20	0.0170	0.0600
21	-3.00	0.0232	0.2166	21	-2.00	0.0001	0.0011	21	-4.00	0.0192	0.0792
22	-2.85	0.0225	0.2390	22	-1.90	0.0011	0.0021	22	-3.80	0.0241	0.1034
23	-2.70	0.0211	0.2602	23	-1.80	0.0008	0.0031	23	-3.60	0.0241	0.1275
24	-2.55	0.0187	0.2789	24	-1.70	0.0009	0.0040	24	-3.40	0.0257	0.1531
25	-2.40	0.0174	0.2963	25	-1.60	0.0020	0.0060	25	-3.20	0.0282	0.1814
26	-2.25	0.0151	0.3114	26	-1.50	0.0025	0.0084	26	-3.00	0.0288	0.2102
27	-2.10	0.0171	0.3285	27	-1.40	0.0031	0.0115	27	-2.80	0.0258	0.2360
28	-1.95	0.0166	0.3451	28	-1.30	0.0043	0.0158	28	-2.60	0.0272	0.2631
29	-1.80	0.0145	0.3596	29	-1.20	0.0046	0.0204	29	-2.40	0.0235	0.2867
30	-1.65	0.0141	0.3737	30	-1.10	0.0062	0.0266	30	-2.20	0.0240	0.3106
31	-1.50	0.0163	0.3901	31	-1.00	0.0085	0.0351	31	-2.00	0.0218	0.3324
32	-1.35	0.0147	0.4048	32	-0.90	0.0108	0.0458	32	-1.80	0.0228	0.3552
33	-1.20	0.0134	0.4182	33	-0.80	0.0161	0.0620	33	-1.60	0.0226	0.3778
34	-1.05	0.0152	0.4334	34	-0.70	0.0228	0.0848	34	-1.40	0.0198	0.3976
35	-0.90	0.0152	0.4486	35	-0.60	0.0317	0.1164	35	-1.20	0.0188	0.4164
36	-0.75	0.0137	0.4622	36	-0.50	0.0438	0.1602	36	-1.00	0.0212	0.4376
37	-0.60	0.0136	0.4758	37	-0.40	0.0599	0.2201	37	-0.80	0.0214	0.4591
38	-0.45	0.0150	0.4908	38	-0.30	0.0685	0.2885	38	-0.60	0.0182	0.4773
39	-0.30	0.0132	0.5040	39	-0.20	0.0795	0.3681	39	-0.40	0.0192	0.4965
40	-0.15	0.0134	0.5175	40	-0.10	0.0827	0.4508	40	-0.20	0.0190	0.5155
41	0.	0.0147	0.5322	41	0.	0.0824	0.5332	41	0.	0.0202	0.5357
42	0.15	0.0152	0.5473	42	0.10	0.0791	0.6124	42	0.20	0.0217	0.5574
43	0.30	0.0158	0.5632	43	0.20	0.0718	0.6841	43	0.40	0.0198	0.5772
44	0.45	0.0149	0.5780	44	0.30	0.0615	0.7457	44	0.60	0.0194	0.5966
45	0.60	0.0152	0.5933	45	0.40	0.0567	0.8024	45	0.80	0.0219	0.6186
46	0.75	0.0152	0.6085	46	0.50	0.0447	0.8471	46	1.00	0.0229	0.6415
47	0.90	0.0169	0.6254	47	0.60	0.0397	0.8869	47	1.20	0.0255	0.6670
48	1.05	0.0181	0.6435	48	0.70	0.0321	0.9190	48	1.40	0.0257	0.6926
49	1.20	0.0168	0.6603	49	0.80	0.0261	0.9451	49	1.60	0.0278	0.7205
50	1.35	0.0180	0.6783	50	0.90	0.0175	0.9626	50	1.80	0.0243	0.7449
51	1.50	0.0191	0.6974	51	1.00	0.0140	0.9765	51	2.00	0.0285	0.7734
52	1.65	0.0202	0.7177	52	1.10	0.0079	0.9845	52	2.20	0.0307	0.8041
53	1.80	0.0251	0.7428	53	1.20	0.0056	0.9901	53	2.40	0.0274	0.8315
54	1.95	0.0226	0.7654	54	1.30	0.0028	0.9929	54	2.60	0.0320	0.8634
55	2.10	0.0249	0.7903	55	1.40	0.0021	0.9950	55	2.80	0.0274	0.8908
56	2.25	0.0252	0.8155	56	1.50	0.0019	0.9969	56	3.00	0.0241	0.9149
57	2.40	0.0273	0.8427	57	1.60	0.0011	0.9979	57	3.20	0.0227	0.9377
58	2.55	0.0264	0.8692	58	1.70	0.0005	0.9984	58	3.40	0.0174	0.9550
59	2.70	0.0193	0.8885	59	1.80	0.0004	0.9988	59	3.60	0.0146	0.9697
60	2.85	0.0196	0.9081	60	1.90	0.0004	0.9992	60	3.80	0.0099	0.9795
61	3.00	0.0167	0.9247	61	2.00	0.0002	0.9994	61	4.00	0.0075	0.9871
62	3.15	0.0161	0.9409	62	2.10	0.	0.9994	62	4.20	0.0043	0.9914
63	3.30	0.0147	0.9556	63	2.20	0.0001	0.9995	63	4.40	0.0043	0.9957
64	3.45	0.0104	0.9660	64	2.30	0.0001	0.9995	64	4.60	0.0019	0.9976
65	3.60	0.0095	0.9755	65	2.40	0.0003	0.9998	65	4.80	0.0011	0.9987
66	3.75	0.0063	0.9818	66	2.50	0.0001	1.0000	66	5.00	0.0006	0.9993
67	3.90	0.0043	0.9860	67	2.60	0.	1.0000	67	5.20	0.0004	0.9997
68	4.05	0.0056	0.9916	68	2.70	0.	1.0000	68	5.40	0.0001	0.9998
69	4.20	0.0024	0.9940	69	2.80	0.	1.0000	69	5.60	0.0001	0.9998
70	4.35	0.0025	0.9966	70	2.90	0.	1.0000	70	5.80	0.0001	0.9999
71	4.50	0.0017	0.9983	71	3.00	0.	1.0000	71	6.00	0.0001	1.0000
72	4.65	0.0010	0.9993	72	3.10	0.	1.0000	72	6.20	0.	1.0000
73	4.80	0.0005	0.9998	73	3.20	0.	1.0000	73	6.40	0.	1.0000
74	4.95	0.0002	1.0000	74	3.30	0.	1.0000	74	6.60	0.	1.0000
75	5.10	0.	1.0000	75	3.40	0.	1.0000	75	6.80	0.	1.0000
76	5.25	0.	1.0000	76	3.50	0.	1.0000	76	7.00	0.	1.0000
77	5.40	0.	1.0000	77	3.60	0.	1.0000	77	7.20	0.	1.0000
78	5.55	0.	1.0000	78	3.70	0.	1.0000	78	7.40	0.	1.0000
79	5.70	0.	1.0000	79	3.80	0.	1.0000	79	7.60	0.	1.0000
80	5.85	0.	1.0000	80	3.90	0.	1.0000	80	7.80	0.	1.0000
81	6.00	0.	1.0000	81	4.00	0.	1.0000	81	8.00	0.	1.0000

I - INTERVAL NUMBER X - INTERVAL CENTER VALUE

P(X) - PROBABILITY MASS FUNCTION F(X) - CUMULATIVE DISTRIBUTION FUNCTION

FORT PULASKI GA.

STATISTICS FOR FEBRUARY

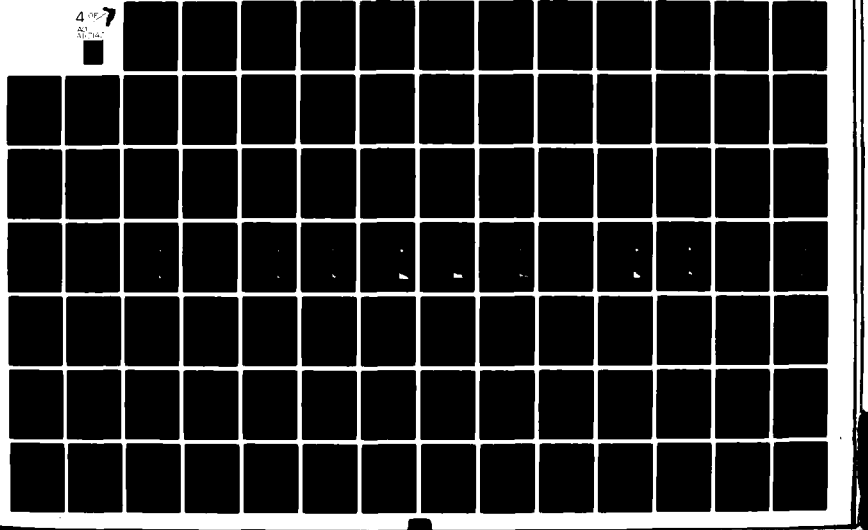
ASTRONOMICAL TIDE				STORM SURGE				TOTAL WATER LEVEL			
MEAN-0.37		STND DEV 2.50		MEAN 0.04		STND DEV 0.56		MEAN-0.33		STND DEV 2.57	
I	X	P(X)	F(X)	I	X	P(X)	F(X)	I	X	P(X)	F(X)
1	-6.00	0.	0.	1	-4.00	0.	0.	1	-8.00	0.0001	0.0001
2	-5.85	0.	0.	2	-3.90	0.	0.	2	-7.80	0.0001	0.0002
3	-5.70	0.	0.	3	-3.80	0.	0.	3	-7.60	0.	0.0002
4	-5.55	0.0001	0.0001	4	-3.70	0.	0.	4	-7.40	0.	0.0002
5	-5.40	0.0010	0.0011	5	-3.60	0.	0.	5	-7.20	0.	0.0002
6	-5.25	0.0020	0.0031	6	-3.50	0.	0.	6	-7.00	0.	0.0002
7	-5.10	0.0034	0.0065	7	-3.40	0.	0.	7	-6.80	0.	0.0002
8	-4.95	0.0041	0.0106	8	-3.30	0.	0.	8	-6.60	0.0001	0.0003
9	-4.80	0.0056	0.0162	9	-3.20	0.	0.	9	-6.40	0.0002	0.0004
10	-4.65	0.0054	0.0216	10	-3.10	0.0001	0.0001	10	-6.20	0.0007	0.0011
11	-4.50	0.0061	0.0276	11	-3.00	0.	0.0001	11	-6.00	0.0008	0.0019
12	-4.35	0.0102	0.0379	12	-2.90	0.0003	0.0003	12	-5.80	0.0010	0.0029
13	-4.20	0.0123	0.0502	13	-2.80	0.0003	0.0006	13	-5.60	0.0018	0.0047
14	-4.05	0.0150	0.0651	14	-2.70	0.	0.0006	14	-5.40	0.0037	0.0084
15	-3.90	0.0184	0.0835	15	-2.60	0.0001	0.0007	15	-5.20	0.0049	0.0133
16	-3.75	0.0182	0.1017	16	-2.50	0.0002	0.0009	16	-5.00	0.0063	0.0196
17	-3.60	0.0206	0.1223	17	-2.40	0.	0.0009	17	-4.80	0.0093	0.0289
18	-3.45	0.0228	0.1451	18	-2.30	0.0002	0.0010	18	-4.60	0.0110	0.0399
19	-3.30	0.0234	0.1685	19	-2.20	0.0003	0.0014	19	-4.40	0.0128	0.0527
20	-3.15	0.0236	0.1921	20	-2.10	0.	0.0014	20	-4.20	0.0153	0.0680
21	-3.00	0.0224	0.2145	21	-2.00	0.	0.0014	21	-4.00	0.0174	0.0854
22	-2.85	0.0224	0.2369	22	-1.90	0.0004	0.0018	22	-3.80	0.0199	0.1053
23	-2.70	0.0218	0.2587	23	-1.80	0.0006	0.0024	23	-3.60	0.0242	0.1295
24	-2.55	0.0186	0.2774	24	-1.70	0.0009	0.0033	24	-3.40	0.0238	0.1534
25	-2.40	0.0179	0.2953	25	-1.60	0.0014	0.0047	25	-3.20	0.0264	0.1798
26	-2.25	0.0173	0.3126	26	-1.50	0.0023	0.0070	26	-3.00	0.0264	0.2062
27	-2.10	0.0162	0.3288	27	-1.40	0.0035	0.0104	27	-2.80	0.0244	0.2306
28	-1.95	0.0166	0.3454	28	-1.30	0.0055	0.0159	28	-2.60	0.0270	0.2576
29	-1.80	0.0159	0.3612	29	-1.20	0.0064	0.0224	29	-2.40	0.0244	0.2820
30	-1.65	0.0164	0.3776	30	-1.10	0.0090	0.0314	30	-2.20	0.0237	0.3058
31	-1.50	0.0149	0.3925	31	-1.00	0.0102	0.0416	31	-2.00	0.0242	0.3299
32	-1.35	0.0141	0.4066	32	-0.90	0.0137	0.0552	32	-1.80	0.0237	0.3537
33	-1.20	0.0144	0.4210	33	-0.80	0.0211	0.0764	33	-1.60	0.0206	0.3743
34	-1.05	0.0133	0.4343	34	-0.70	0.0260	0.1024	34	-1.40	0.0196	0.3939
35	-0.90	0.0135	0.4479	35	-0.60	0.0296	0.1320	35	-1.20	0.0221	0.4160
36	-0.75	0.0145	0.4624	36	-0.50	0.0387	0.1707	36	-1.00	0.0173	0.4333
37	-0.60	0.0142	0.4766	37	-0.40	0.0525	0.2232	37	-0.80	0.0214	0.4547
38	-0.45	0.0153	0.4919	38	-0.30	0.0598	0.2830	38	-0.60	0.0215	0.4762
39	-0.30	0.0159	0.5079	39	-0.20	0.0713	0.3543	39	-0.40	0.0195	0.4957
40	-0.15	0.0145	0.5223	40	-0.10	0.0769	0.4312	40	-0.20	0.0196	0.5152
41	0.	0.0147	0.5371	41	0.	0.0764	0.5076	41	0.	0.0203	0.5355
42	0.15	0.0131	0.5502	42	0.10	0.0688	0.5764	42	0.20	0.0188	0.5543
43	0.30	0.0128	0.5630	43	0.20	0.0694	0.6458	43	0.40	0.0198	0.5741
44	0.45	0.0152	0.5781	44	0.30	0.0654	0.7112	44	0.60	0.0217	0.5958
45	0.60	0.0178	0.5959	45	0.40	0.0592	0.7704	45	0.80	0.0216	0.6173
46	0.75	0.0181	0.6140	46	0.50	0.0542	0.8246	46	1.00	0.0258	0.6431
47	0.90	0.0158	0.6298	47	0.60	0.0403	0.8648	47	1.20	0.0251	0.6682
48	1.05	0.0186	0.6484	48	0.70	0.0345	0.8993	48	1.40	0.0261	0.6942
49	1.20	0.0154	0.6638	49	0.80	0.0252	0.9245	49	1.60	0.0257	0.7199
50	1.35	0.0186	0.6824	50	0.90	0.0223	0.9468	50	1.80	0.0254	0.7453
51	1.50	0.0208	0.7032	51	1.00	0.0206	0.9674	51	2.00	0.0311	0.7764
52	1.65	0.0229	0.7261	52	1.10	0.0128	0.9802	52	2.20	0.0304	0.8069
53	1.80	0.0243	0.7503	53	1.20	0.0065	0.9867	53	2.40	0.0300	0.8369
54	1.95	0.0190	0.7693	54	1.30	0.0045	0.9912	54	2.60	0.0273	0.8642
55	2.10	0.0245	0.7938	55	1.40	0.0030	0.9943	55	2.80	0.0273	0.8915
56	2.25	0.0255	0.8194	56	1.50	0.0021	0.9963	56	3.00	0.0215	0.9130
57	2.40	0.0240	0.8434	57	1.60	0.0012	0.9976	57	3.20	0.0201	0.9331
58	2.55	0.0237	0.8670	58	1.70	0.0006	0.9982	58	3.40	0.0163	0.9495
59	2.70	0.0205	0.8876	59	1.80	0.0006	0.9988	59	3.60	0.0156	0.9650
60	2.85	0.0196	0.9071	60	1.90	0.0004	0.9992	60	3.80	0.0110	0.9761
61	3.00	0.0174	0.9245	61	2.00	0.0003	0.9995	61	4.00	0.0063	0.9824
62	3.15	0.0182	0.9427	62	2.10	0.0001	0.9996	62	4.20	0.0066	0.9889
63	3.30	0.0139	0.9566	63	2.20	0.0002	0.9997	63	4.40	0.0042	0.9931
64	3.45	0.0101	0.9667	64	2.30	0.0002	0.9999	64	4.60	0.0026	0.9957
65	3.60	0.0088	0.9754	65	2.40	0.0001	1.0000	65	4.80	0.0019	0.9976
66	3.75	0.0074	0.9828	66	2.50	0.	1.0000	66	5.00	0.0010	0.9986
67	3.90	0.0051	0.9879	67	2.60	0.	1.0000	67	5.20	0.0006	0.9992
68	4.05	0.0041	0.9919	68	2.70	0.	1.0000	68	5.40	0.0004	0.9997
69	4.20	0.0033	0.9952	69	2.80	0.	1.0000	69	5.60	0.0002	0.9998
70	4.35	0.0028	0.9980	70	2.90	0.	1.0000	70	5.80	0.0001	0.9999
71	4.50	0.0014	0.9994	71	3.00	0.	1.0000	71	6.00	0.0001	1.0000
72	4.65	0.0005	0.9999	72	3.10	0.	1.0000	72	6.20	0.	1.0000
73	4.80	0.0001	1.0000	73	3.20	0.	1.0000	73	6.40	0.	1.0000
74	4.95	0.	1.0000	74	3.30	0.	1.0000	74	6.60	0.	1.0000
75	5.10	0.	1.0000	75	3.40	0.	1.0000	75	6.80	0.	1.0000
76	5.25	0.	1.0000	76	3.50	0.	1.0000	76	7.00	0.	1.0000
77	5.40	0.	1.0000	77	3.60	0.	1.0000	77	7.20	0.	1.0000
78	5.55	0.	1.0000	78	3.70	0.	1.0000	78	7.40	0.	1.0000
79	5.70	0.	1.0000	79	3.80	0.	1.0000	79	7.60	0.	1.0000
80	5.85	0.	1.0000	80	3.90	0.	1.0000	80	7.80	0.	1.0000
81	6.00	0.	1.0000	81	4.00	0.	1.0000	81	8.00	0.	1.0000

I - INTERVAL NUMBER X - INTERVAL CENTER VALUE

P(X) - PROBABILITY MASS FUNCTION F(X) - CUMULATIVE DISTRIBUTION FUNCTION

AD-A117 147 ARMY ENGINEER WATERWAYS EXPERIMENT STATION VICKSBURG--ETC F/G 8/3
ATLANTIC COAST WATER-LEVEL CLIMATE.(U)
APR 82 B A EBERSOLE

UNCLASSIFIED WIS-7 NL



FORT PULASKI GA.

STATISTICS FOR MARCH

ASTRONOMICAL TIDE				STORM SURGE				TOTAL WATER LEVEL			
MEAN-0.22		STND DEV 2.50		MEAN-0.07		STND DEV 0.54		MEAN-0.29		STND DEV 2.56	
I	X	P(X)	F(X)	I	X	P(X)	F(X)	I	X	P(X)	F(X)
1	-6.00	0.	0.	1	-4.00	0.	0.	1	-8.00	0.	0.
2	-5.85	0.	0.	2	-3.90	0.	0.	2	-7.80	0.	0.
3	-5.70	0.	0.	3	-3.80	0.	0.	3	-7.60	0.	0.
4	-5.55	0.	0.	4	-3.70	0.	0.	4	-7.40	0.	0.
5	-5.40	0.0003	0.0003	5	-3.60	0.0001	0.0001	5	-7.20	0.	0.
6	-5.25	0.0011	0.0013	6	-3.50	0.	0.0001	6	-7.00	0.0001	0.0001
7	-5.10	0.0026	0.0040	7	-3.40	0.	0.0001	7	-6.80	0.	0.0001
8	-4.95	0.0034	0.0073	8	-3.30	0.0001	0.0003	8	-6.60	0.0001	0.0002
9	-4.80	0.0040	0.0114	9	-3.20	0.0001	0.0004	9	-6.40	0.0004	0.0006
10	-4.65	0.0054	0.0167	10	-3.10	0.0001	0.0005	10	-6.20	0.0004	0.0010
11	-4.50	0.0067	0.0234	11	-3.00	0.0001	0.0007	11	-6.00	0.0008	0.0018
12	-4.35	0.0072	0.0306	12	-2.90	0.	0.0007	12	-5.80	0.0011	0.0028
13	-4.20	0.0081	0.0387	13	-2.80	0.0001	0.0008	13	-5.60	0.0024	0.0052
14	-4.05	0.0114	0.0501	14	-2.70	0.0001	0.0010	14	-5.40	0.0027	0.0079
15	-3.90	0.0146	0.0647	15	-2.60	0.0003	0.0013	15	-5.20	0.0043	0.0123
16	-3.75	0.0185	0.0833	16	-2.50	0.0005	0.0018	16	-5.00	0.0059	0.0182
17	-3.60	0.0187	0.1019	17	-2.40	0.0001	0.0019	17	-4.80	0.0082	0.0264
18	-3.45	0.0213	0.1232	18	-2.30	0.0006	0.0025	18	-4.60	0.0087	0.0351
19	-3.30	0.0214	0.1446	19	-2.20	0.0004	0.0030	19	-4.40	0.0123	0.0474
20	-3.15	0.0219	0.1666	20	-2.10	0.0004	0.0034	20	-4.20	0.0133	0.0607
21	-3.00	0.0229	0.1895	21	-2.00	0.0006	0.0040	21	-4.00	0.0178	0.0785
22	-2.85	0.0229	0.2124	22	-1.90	0.0013	0.0053	22	-3.80	0.0202	0.0987
23	-2.70	0.0230	0.2354	23	-1.80	0.0012	0.0065	23	-3.60	0.0243	0.1231
24	-2.55	0.0221	0.2575	24	-1.70	0.0020	0.0085	24	-3.40	0.0260	0.1490
25	-2.40	0.0191	0.2766	25	-1.60	0.0028	0.0114	25	-3.20	0.0276	0.1766
26	-2.25	0.0183	0.2949	26	-1.50	0.0028	0.0141	26	-3.00	0.0230	0.1997
27	-2.10	0.0166	0.3115	27	-1.40	0.0022	0.0163	27	-2.80	0.0266	0.2262
28	-1.95	0.0178	0.3293	28	-1.30	0.0047	0.0210	28	-2.60	0.0266	0.2528
29	-1.80	0.0158	0.3451	29	-1.20	0.0064	0.0274	29	-2.40	0.0271	0.2799
30	-1.65	0.0166	0.3617	30	-1.10	0.0079	0.0354	30	-2.20	0.0228	0.3027
31	-1.50	0.0148	0.3765	31	-1.00	0.0111	0.0464	31	-2.00	0.0241	0.3268
32	-1.35	0.0127	0.3892	32	-0.90	0.0137	0.0601	32	-1.80	0.0219	0.3487
33	-1.20	0.0150	0.4042	33	-0.80	0.0226	0.0827	33	-1.60	0.0219	0.3707
34	-1.05	0.0151	0.4193	34	-0.70	0.0303	0.1130	34	-1.40	0.0207	0.3914
35	-0.90	0.0170	0.4363	35	-0.60	0.0417	0.1548	35	-1.20	0.0231	0.4145
36	-0.75	0.0139	0.4502	36	-0.50	0.0518	0.2065	36	-1.00	0.0189	0.4334
37	-0.60	0.0143	0.4645	37	-0.40	0.0644	0.2710	37	-0.80	0.0195	0.4529
38	-0.45	0.0129	0.4774	38	-0.30	0.0744	0.3453	38	-0.60	0.0190	0.4719
39	-0.30	0.0122	0.4895	39	-0.20	0.0863	0.4316	39	-0.40	0.0177	0.4895
40	-0.15	0.0153	0.5049	40	-0.10	0.0839	0.5155	40	-0.20	0.0187	0.5082
41	0.	0.0147	0.5196	41	0.	0.0845	0.6000	41	0.	0.0210	0.5292
42	0.15	0.0154	0.5350	42	0.10	0.0839	0.6839	42	0.20	0.0230	0.5522
43	0.30	0.0152	0.5502	43	0.20	0.0732	0.7571	43	0.40	0.0213	0.5735
44	0.45	0.0163	0.5665	44	0.30	0.0545	0.8116	44	0.60	0.0205	0.5940
45	0.60	0.0156	0.5821	45	0.40	0.0456	0.8571	45	0.80	0.0216	0.6156
46	0.75	0.0159	0.5980	46	0.50	0.0375	0.8946	46	1.00	0.0207	0.6364
47	0.90	0.0146	0.6125	47	0.60	0.0284	0.9230	47	1.20	0.0233	0.6596
48	1.05	0.0156	0.6281	48	0.70	0.0218	0.9449	48	1.40	0.0287	0.6884
49	1.20	0.0169	0.6450	49	0.80	0.0168	0.9617	49	1.60	0.0261	0.7145
50	1.35	0.0196	0.6646	50	0.90	0.0130	0.9747	50	1.80	0.0269	0.7413
51	1.50	0.0192	0.6838	51	1.00	0.0067	0.9814	51	2.00	0.0314	0.7727
52	1.65	0.0203	0.7041	52	1.10	0.0048	0.9862	52	2.20	0.0260	0.7987
53	1.80	0.0199	0.7240	53	1.20	0.0031	0.9893	53	2.40	0.0306	0.8293
54	1.95	0.0252	0.7492	54	1.30	0.0027	0.9920	54	2.60	0.0277	0.8571
55	2.10	0.0237	0.7729	55	1.40	0.0025	0.9945	55	2.80	0.0262	0.8832
56	2.25	0.0219	0.7949	56	1.50	0.0012	0.9957	56	3.00	0.0263	0.9096
57	2.40	0.0240	0.8189	57	1.60	0.0004	0.9962	57	3.20	0.0220	0.9316
58	2.55	0.0217	0.8406	58	1.70	0.0004	0.9966	58	3.40	0.0194	0.9509
59	2.70	0.0240	0.8647	59	1.80	0.0008	0.9975	59	3.60	0.0135	0.9644
60	2.85	0.0222	0.8870	60	1.90	0.0010	0.9984	60	3.80	0.0123	0.9767
61	3.00	0.0200	0.9070	61	2.00	0.0004	0.9988	61	4.00	0.0083	0.9850
62	3.15	0.0187	0.9256	62	2.10	0.0003	0.9991	62	4.20	0.0051	0.9901
63	3.30	0.0173	0.9429	63	2.20	0.0004	0.9997	63	4.40	0.0038	0.9939
64	3.45	0.0136	0.9565	64	2.30	0.0001	0.9998	64	4.60	0.0022	0.9961
65	3.60	0.0105	0.9670	65	2.40	0.0001	1.0000	65	4.80	0.0025	0.9986
66	3.75	0.0077	0.9747	66	2.50	0.	1.0000	66	5.00	0.0011	0.9997
67	3.90	0.0074	0.9821	67	2.60	0.	1.0000	67	5.20	0.	0.9997
68	4.05	0.0052	0.9873	68	2.70	0.	1.0000	68	5.40	0.0002	0.9999
69	4.20	0.0040	0.9913	69	2.80	0.	1.0000	69	5.60	0.	0.9999
70	4.35	0.0033	0.9946	70	2.90	0.	1.0000	70	5.80	0.0001	1.0000
71	4.50	0.0029	0.9975	71	3.00	0.	1.0000	71	6.00	0.	1.0000
72	4.65	0.0014	0.9989	72	3.10	0.	1.0000	72	6.20	0.	1.0000
73	4.80	0.0005	0.9995	73	3.20	0.	1.0000	73	6.40	0.	1.0000
74	4.95	0.0004	0.9998	74	3.30	0.	1.0000	74	6.60	0.	1.0000
75	5.10	0.0001	1.0000	75	3.40	0.	1.0000	75	6.80	0.	1.0000
76	5.25	0.	1.0000	76	3.50	0.	1.0000	76	7.00	0.	1.0000
77	5.40	0.	1.0000	77	3.60	0.	1.0000	77	7.20	0.	1.0000
78	5.55	0.	1.0000	78	3.70	0.	1.0000	78	7.40	0.	1.0000
79	5.70	0.	1.0000	79	3.80	0.	1.0000	79	7.60	0.	1.0000
80	5.85	0.	1.0000	80	3.90	0.	1.0000	80	7.80	0.	1.0000
81	6.00	0.	1.0000	81	4.00	0.	1.0000	81	8.00	0.	1.0000

I - INTERVAL NUMBER X - INTERVAL CENTER VALUE

P(X) - PROBABILITY MASS FUNCTION F(X) - CUMULATIVE DISTRIBUTION FUNCTION

FORT PULASKI GA.

STATISTICS FOR APRIL

ASTRONOMICAL TIDE MEAN-0.07 STND DEV 2.52				STORM SURGE MEAN-0.07 STND DEV 0.48				TOTAL WATER LEVEL MEAN-0.14 STND DEV 2.56			
I	X	P(X)	F(X)	I	X	P(X)	F(X)	I	X	P(X)	F(X)
1	-6.00	0.	0.	1	-4.00	0.	0.	1	-8.00	0.	0.
2	-5.85	0.	0.	2	-3.90	0.	0.	2	-7.80	0.	0.
3	-5.70	0.	0.	3	-3.80	0.	0.	3	-7.60	0.	0.
4	-5.55	0.	0.	4	-3.70	0.	0.	4	-7.40	0.	0.
5	-5.40	0.	0.	5	-3.60	0.	0.	5	-7.20	0.	0.
6	-5.25	0.0002	0.0002	6	-3.50	0.	0.	6	-7.00	0.	0.
7	-5.10	0.0008	0.0010	7	-3.40	0.	0.	7	-6.80	0.	0.
8	-4.95	0.0024	0.0034	8	-3.30	0.	0.	8	-6.60	0.	0.
9	-4.80	0.0031	0.0065	9	-3.20	0.	0.	9	-6.40	0.	0.
10	-4.65	0.0047	0.0112	10	-3.10	0.	0.	10	-6.20	0.0001	0.0001
11	-4.50	0.0060	0.0172	11	-3.00	0.	0.	11	-6.00	0.0002	0.0004
12	-4.35	0.0075	0.0246	12	-2.90	0.	0.	12	-5.80	0.0006	0.0010
13	-4.20	0.0079	0.0325	13	-2.80	0.	0.	13	-5.60	0.0014	0.0023
14	-4.05	0.0083	0.0409	14	-2.70	0.	0.	14	-5.40	0.0024	0.0048
15	-3.90	0.0119	0.0528	15	-2.60	0.0001	0.0001	15	-5.20	0.0031	0.0079
16	-3.75	0.0137	0.0664	16	-2.50	0.	0.0001	16	-5.00	0.0047	0.0126
17	-3.60	0.0172	0.0836	17	-2.40	0.0002	0.0003	17	-4.80	0.0061	0.0187
18	-3.45	0.0189	0.1025	18	-2.30	0.	0.0003	18	-4.60	0.0080	0.0267
19	-3.30	0.0225	0.1250	19	-2.20	0.	0.0003	19	-4.40	0.0108	0.0376
20	-3.15	0.0213	0.1463	20	-2.10	0.0001	0.0004	20	-4.20	0.0128	0.0504
21	-3.00	0.0223	0.1685	21	-2.00	0.0001	0.0005	21	-4.00	0.0172	0.0675
22	-2.85	0.0220	0.1906	22	-1.90	0.0001	0.0006	22	-3.80	0.0186	0.0862
23	-2.70	0.0238	0.2144	23	-1.80	0.0004	0.0010	23	-3.60	0.0221	0.1083
24	-2.55	0.0235	0.2379	24	-1.70	0.0007	0.0017	24	-3.40	0.0233	0.1315
25	-2.40	0.0201	0.2580	25	-1.60	0.0006	0.0023	25	-3.20	0.0238	0.1553
26	-2.25	0.0208	0.2788	26	-1.50	0.0011	0.0034	26	-3.00	0.0277	0.1830
27	-2.10	0.0186	0.2974	27	-1.40	0.0023	0.0057	27	-2.80	0.0270	0.2100
28	-1.95	0.0160	0.3135	28	-1.30	0.0028	0.0085	28	-2.60	0.0270	0.2370
29	-1.80	0.0156	0.3290	29	-1.20	0.0044	0.0129	29	-2.40	0.0261	0.2631
30	-1.65	0.0157	0.3447	30	-1.10	0.0074	0.0203	30	-2.20	0.0234	0.2865
31	-1.50	0.0163	0.3610	31	-1.00	0.0118	0.0320	31	-2.00	0.0237	0.3102
32	-1.35	0.0171	0.3781	32	-0.90	0.0170	0.0490	32	-1.80	0.0210	0.3311
33	-1.20	0.0151	0.3932	33	-0.80	0.0219	0.0708	33	-1.60	0.0220	0.3531
34	-1.05	0.0134	0.4066	34	-0.70	0.0324	0.1032	34	-1.40	0.0216	0.3748
35	-0.90	0.0148	0.4214	35	-0.60	0.0440	0.1472	35	-1.20	0.0208	0.3956
36	-0.75	0.0129	0.4343	36	-0.50	0.0569	0.2042	36	-1.00	0.0235	0.4190
37	-0.60	0.0132	0.4475	37	-0.40	0.0667	0.2708	37	-0.80	0.0252	0.4442
38	-0.45	0.0149	0.4624	38	-0.30	0.0747	0.3455	38	-0.60	0.0181	0.4623
39	-0.30	0.0156	0.4781	39	-0.20	0.0834	0.4290	39	-0.40	0.0200	0.4823
40	-0.15	0.0132	0.4913	40	-0.10	0.0888	0.5178	40	-0.20	0.0199	0.5022
41	0.	0.0164	0.5077	41	0.	0.0849	0.6026	41	0.	0.0203	0.5225
42	0.15	0.0134	0.5210	42	0.10	0.0844	0.6871	42	0.20	0.0181	0.5406
43	0.30	0.0140	0.5350	43	0.20	0.0740	0.7611	43	0.40	0.0227	0.5633
44	0.45	0.0159	0.5509	44	0.30	0.0621	0.8232	44	0.60	0.0211	0.5844
45	0.60	0.0151	0.5661	45	0.40	0.0487	0.8719	45	0.80	0.0196	0.6040
46	0.75	0.0162	0.5822	46	0.50	0.0375	0.9094	46	1.00	0.0202	0.6242
47	0.90	0.0151	0.5974	47	0.60	0.0224	0.9317	47	1.20	0.0251	0.6493
48	1.05	0.0149	0.6123	48	0.70	0.0185	0.9502	48	1.40	0.0265	0.6758
49	1.20	0.0152	0.6275	49	0.80	0.0150	0.9652	49	1.60	0.0264	0.7022
50	1.35	0.0193	0.6468	50	0.90	0.0102	0.9754	50	1.80	0.0262	0.7284
51	1.50	0.0171	0.6639	51	1.00	0.0090	0.9844	51	2.00	0.0267	0.7551
52	1.65	0.0181	0.6820	52	1.10	0.0061	0.9906	52	2.20	0.0324	0.7875
53	1.80	0.0223	0.7043	53	1.20	0.0035	0.9941	53	2.40	0.0305	0.8180
54	1.95	0.0212	0.7255	54	1.30	0.0016	0.9957	54	2.60	0.0205	0.8385
55	2.10	0.0229	0.7484	55	1.40	0.0017	0.9974	55	2.80	0.0308	0.8693
56	2.25	0.0236	0.7720	56	1.50	0.0010	0.9983	56	3.00	0.0244	0.8937
57	2.40	0.0263	0.7983	57	1.60	0.0011	0.9994	57	3.20	0.0212	0.9149
58	2.55	0.0242	0.8225	58	1.70	0.0004	0.9998	58	3.40	0.0214	0.9363
59	2.70	0.0232	0.8457	59	1.80	0.0001	0.9999	59	3.60	0.0154	0.9517
60	2.85	0.0214	0.8671	60	1.90	0.0001	1.0000	60	3.80	0.0146	0.9659
61	3.00	0.0212	0.8883	61	2.00	0.	1.0000	61	4.00	0.0104	0.9763
62	3.15	0.0189	0.9072	62	2.10	0.	1.0000	62	4.20	0.0080	0.9844
63	3.30	0.0167	0.9239	63	2.20	0.	1.0000	63	4.40	0.0061	0.9904
64	3.45	0.0145	0.9385	64	2.30	0.	1.0000	64	4.60	0.0033	0.9937
65	3.60	0.0129	0.9514	65	2.40	0.	1.0000	65	4.80	0.0030	0.9967
66	3.75	0.0113	0.9627	66	2.50	0.	1.0000	66	5.00	0.0019	0.9986
67	3.90	0.0094	0.9720	67	2.60	0.	1.0000	67	5.20	0.0007	0.9993
68	4.05	0.0068	0.9788	68	2.70	0.	1.0000	68	5.40	0.0005	0.9998
69	4.20	0.0056	0.9844	69	2.80	0.	1.0000	69	5.60	0.0002	1.0000
70	4.35	0.0042	0.9886	70	2.90	0.	1.0000	70	5.80	0.	1.0000
71	4.50	0.0028	0.9914	71	3.00	0.	1.0000	71	6.00	0.	1.0000
72	4.65	0.0030	0.9944	72	3.10	0.	1.0000	72	6.20	0.	1.0000
73	4.80	0.0025	0.9969	73	3.20	0.	1.0000	73	6.40	0.	1.0000
74	4.95	0.0015	0.9985	74	3.30	0.	1.0000	74	6.60	0.	1.0000
75	5.10	0.0010	0.9994	75	3.40	0.	1.0000	75	6.80	0.	1.0000
76	5.25	0.0005	0.9999	76	3.50	0.	1.0000	76	7.00	0.	1.0000
77	5.40	0.0001	1.0000	77	3.60	0.	1.0000	77	7.20	0.	1.0000
78	5.55	0.	1.0000	78	3.70	0.	1.0000	78	7.40	0.	1.0000
79	5.70	0.	1.0000	79	3.80	0.	1.0000	79	7.60	0.	1.0000
80	5.85	0.	1.0000	80	3.90	0.	1.0000	80	7.80	0.	1.0000
81	6.00	0.	1.0000	81	4.00	0.	1.0000	81	8.00	0.	1.0000

I - INTERVAL NUMBER X - INTERVAL CENTER VALUE

P(X) - PROBABILITY MASS FUNCTION F(X) - CUMULATIVE DISTRIBUTION FUNCTION

FORT PULASKI GA.

STATISTICS FOR MAY

ASTRONOMICAL TIDE				STORM SURGE				TOTAL WATER LEVEL			
MEAN-0.05		STND DEV 2.51		MEAN 0.08		STND DEV 0.45		MEAN 0.03		STND DEV 2.54	
I	X	P(X)	F(X)	I	X	P(X)	F(X)	I	X	P(X)	F(X)
1	-6.00	0.	0.	1	-4.00	0.	0.	1	-8.00	0.	0.
2	-5.85	0.	0.	2	-3.90	0.	0.	2	-7.80	0.	0.
3	-5.70	0.	0.	3	-3.80	0.	0.	3	-7.60	0.	0.
4	-5.55	0.	0.	4	-3.70	0.	0.	4	-7.40	0.	0.
5	-5.40	0.	0.	5	-3.60	0.	0.	5	-7.20	0.	0.
6	-5.25	0.	0.	6	-3.50	0.	0.	6	-7.00	0.	0.
7	-5.10	0.0003	0.0003	7	-3.40	0.	0.	7	-6.80	0.	0.
8	-4.95	0.0007	0.0010	8	-3.30	0.	0.	8	-6.60	0.	0.
9	-4.80	0.0029	0.0039	9	-3.20	0.	0.	9	-6.40	0.	0.
10	-4.65	0.0042	0.0081	10	-3.10	0.	0.	10	-6.20	0.	0.
11	-4.50	0.0047	0.0127	11	-3.00	0.	0.	11	-6.00	0.	0.
12	-4.35	0.0066	0.0194	12	-2.90	0.	0.	12	-5.80	0.	0.
13	-4.20	0.0078	0.0272	13	-2.80	0.	0.	13	-5.60	0.0001	0.0001
14	-4.05	0.0093	0.0364	14	-2.70	0.	0.	14	-5.40	0.0004	0.0005
15	-3.90	0.0110	0.0475	15	-2.60	0.	0.	15	-5.20	0.0011	0.0016
16	-3.75	0.0139	0.0614	16	-2.50	0.	0.	16	-5.00	0.0027	0.0043
17	-3.60	0.0174	0.0788	17	-2.40	0.	0.	17	-4.80	0.0042	0.0086
18	-3.45	0.0211	0.1000	18	-2.30	0.	0.	18	-4.60	0.0071	0.0157
19	-3.30	0.0219	0.1218	19	-2.20	0.	0.	19	-4.40	0.0075	0.0232
20	-3.15	0.0226	0.1444	20	-2.10	0.	0.	20	-4.20	0.0109	0.0341
21	-3.00	0.0234	0.1679	21	-2.00	0.	0.	21	-4.00	0.0146	0.0487
22	-2.85	0.0254	0.1933	22	-1.90	0.	0.	22	-3.80	0.0179	0.0666
23	-2.70	0.0217	0.2150	23	-1.80	0.	0.	23	-3.60	0.0222	0.0888
24	-2.55	0.0226	0.2375	24	-1.70	0.	0.	24	-3.40	0.0235	0.1123
25	-2.40	0.0196	0.2571	25	-1.60	0.0001	0.0001	25	-3.20	0.0255	0.1378
26	-2.25	0.0209	0.2780	26	-1.50	0.	0.0001	26	-3.00	0.0253	0.1631
27	-2.10	0.0184	0.2964	27	-1.40	0.0001	0.0001	27	-2.80	0.0248	0.1879
28	-1.95	0.0159	0.3123	28	-1.30	0.0007	0.0008	28	-2.60	0.0273	0.2152
29	-1.80	0.0169	0.3292	29	-1.20	0.0015	0.0023	29	-2.40	0.0258	0.2410
30	-1.65	0.0159	0.3452	30	-1.10	0.0028	0.0051	30	-2.20	0.0274	0.2684
31	-1.50	0.0146	0.3598	31	-1.00	0.0068	0.0119	31	-2.00	0.0225	0.2910
32	-1.35	0.0151	0.3749	32	-0.90	0.0084	0.0203	32	-1.80	0.0231	0.3141
33	-1.20	0.0153	0.3902	33	-0.80	0.0115	0.0318	33	-1.60	0.0223	0.3364
34	-1.05	0.0144	0.4046	34	-0.70	0.0166	0.0484	34	-1.40	0.0204	0.3567
35	-0.90	0.0149	0.4195	35	-0.60	0.0253	0.0736	35	-1.20	0.0222	0.3789
36	-0.75	0.0132	0.4326	36	-0.50	0.0367	0.1103	36	-1.00	0.0204	0.3993
37	-0.60	0.0162	0.4488	37	-0.40	0.0501	0.1604	37	-0.80	0.0202	0.4196
38	-0.45	0.0133	0.4622	38	-0.30	0.0572	0.2176	38	-0.60	0.0182	0.4378
39	-0.30	0.0156	0.4777	39	-0.20	0.0689	0.2865	39	-0.40	0.0197	0.4575
40	-0.15	0.0130	0.4907	40	-0.10	0.0835	0.3700	40	-0.20	0.0195	0.4770
41	0.	0.0129	0.5036	41	0.	0.0957	0.4657	41	0.	0.0200	0.4970
42	0.15	0.0163	0.5200	42	0.10	0.0939	0.5645	42	0.20	0.0203	0.5173
43	0.30	0.0141	0.5340	43	0.20	0.0972	0.6618	43	0.40	0.0204	0.5376
44	0.45	0.0148	0.5488	44	0.30	0.0894	0.7511	44	0.60	0.0218	0.5594
45	0.60	0.0151	0.5640	45	0.40	0.0721	0.8233	45	0.80	0.0189	0.5784
46	0.75	0.0159	0.5799	46	0.50	0.0507	0.8739	46	1.00	0.0213	0.5997
47	0.90	0.0148	0.5947	47	0.60	0.0358	0.9097	47	1.20	0.0220	0.6217
48	1.05	0.0159	0.6106	48	0.70	0.0236	0.9333	48	1.40	0.0224	0.6441
49	1.20	0.0175	0.6281	49	0.80	0.0184	0.9516	49	1.60	0.0258	0.6698
50	1.35	0.0152	0.6433	50	0.90	0.0152	0.9668	50	1.80	0.0281	0.6980
51	1.50	0.0170	0.6603	51	1.00	0.0109	0.9777	51	2.00	0.0290	0.7270
52	1.65	0.0199	0.6802	52	1.10	0.0069	0.9846	52	2.20	0.0292	0.7562
53	1.80	0.0187	0.6988	53	1.20	0.0052	0.9898	53	2.40	0.0300	0.7862
54	1.95	0.0229	0.7218	54	1.30	0.0036	0.9935	54	2.60	0.0340	0.8202
55	2.10	0.0242	0.7460	55	1.40	0.0029	0.9964	55	2.80	0.0299	0.8500
56	2.25	0.0253	0.7713	56	1.50	0.0012	0.9976	56	3.00	0.0281	0.8782
57	2.40	0.0270	0.7982	57	1.60	0.0009	0.9985	57	3.20	0.0248	0.9030
58	2.55	0.0248	0.8231	58	1.70	0.0009	0.9993	58	3.40	0.0217	0.9246
59	2.70	0.0241	0.8472	59	1.80	0.0001	0.9995	59	3.60	0.0177	0.9424
60	2.85	0.0215	0.8687	60	1.90	0.0002	0.9997	60	3.80	0.0148	0.9572
61	3.00	0.0204	0.8892	61	2.00	0.	0.9997	61	4.00	0.0096	0.9668
62	3.15	0.0195	0.9087	62	2.10	0.0001	0.9998	62	4.20	0.0099	0.9767
63	3.30	0.0153	0.9240	63	2.20	0.0001	0.9999	63	4.40	0.0065	0.9832
64	3.45	0.0132	0.9372	64	2.30	0.0001	1.0000	64	4.60	0.0056	0.9888
65	3.60	0.0134	0.9505	65	2.40	0.	1.0000	65	4.80	0.0037	0.9925
66	3.75	0.0101	0.9607	66	2.50	0.	1.0000	66	5.00	0.0032	0.9958
67	3.90	0.0090	0.9697	67	2.60	0.	1.0000	67	5.20	0.0014	0.9972
68	4.05	0.0064	0.9762	68	2.70	0.	1.0000	68	5.40	0.0016	0.9988
69	4.20	0.0049	0.9810	69	2.80	0.	1.0000	69	5.60	0.0007	0.9995
70	4.35	0.0044	0.9854	70	2.90	0.	1.0000	70	5.80	0.0004	0.9999
71	4.50	0.0034	0.9888	71	3.00	0.	1.0000	71	6.00	0.0001	1.0000
72	4.65	0.0028	0.9917	72	3.10	0.	1.0000	72	6.20	0.	1.0000
73	4.80	0.0028	0.9944	73	3.20	0.	1.0000	73	6.40	0.	1.0000
74	4.95	0.0026	0.9970	74	3.30	0.	1.0000	74	6.60	0.	1.0000
75	5.10	0.0016	0.9985	75	3.40	0.	1.0000	75	6.80	0.	1.0000
76	5.25	0.0012	0.9997	76	3.50	0.	1.0000	76	7.00	0.	1.0000
77	5.40	0.0003	1.0000	77	3.60	0.	1.0000	77	7.20	0.	1.0000
78	5.55	0.	1.0000	78	3.70	0.	1.0000	78	7.40	0.	1.0000
79	5.70	0.	1.0000	79	3.80	0.	1.0000	79	7.60	0.	1.0000
80	5.85	0.	1.0000	80	3.90	0.	1.0000	80	7.80	0.	1.0000
81	6.00	0.	1.0000	81	4.00	0.	1.0000	81	8.00	0.	1.0000

I - INTERVAL NUMBER X - INTERVAL CENTER VALUE

P(X) - PROBABILITY MASS FUNCTION F(X) - CUMULATIVE DISTRIBUTION FUNCTION

FORT PULASKI GA.

STATISTICS FOR JUNE

ASTRONOMICAL TIDE				STORM SURGE				TOTAL WATER LEVEL			
MEAN-0.10		STND DEV 2.50		MEAN 0.12		STND DEV 0.45		MEAN 0.02		STND DEV 2.53	
I	X	P(X)	F(X)	I	X	P(X)	F(X)	I	X	P(X)	F(X)
1	-6.00	0.	0.	1	-4.00	0.	0.	1	-8.00	0.	0.
2	-5.85	0.	0.	2	-3.90	0.	0.	2	-7.80	0.	0.
3	-5.70	0.	0.	3	-3.80	0.	0.	3	-7.60	0.	0.
4	-5.55	0.	0.	4	-3.70	0.	0.	4	-7.40	0.	0.
5	-5.40	0.	0.	5	-3.60	0.	0.	5	-7.20	0.	0.
6	-5.25	0.	0.	6	-3.50	0.	0.	6	-7.00	0.	0.
7	-5.10	0.	0.	7	-3.40	0.	0.	7	-6.80	0.	0.
8	-4.95	0.0006	0.0006	8	-3.30	0.	0.	8	-6.60	0.	0.
9	-4.80	0.0017	0.0023	9	-3.20	0.	0.	9	-6.40	0.	0.
10	-4.65	0.0030	0.0053	10	-3.10	0.	0.	10	-6.20	0.	0.
11	-4.50	0.0045	0.0097	11	-3.00	0.	0.	11	-6.00	0.	0.
12	-4.35	0.0062	0.0159	12	-2.90	0.	0.	12	-5.80	0.	0.
13	-4.20	0.0066	0.0226	13	-2.80	0.	0.	13	-5.60	0.0001	0.0001
14	-4.05	0.0112	0.0338	14	-2.70	0.	0.	14	-5.40	0.0003	0.0004
15	-3.90	0.0132	0.0469	15	-2.60	0.	0.	15	-5.20	0.0012	0.0016
16	-3.75	0.0159	0.0629	16	-2.50	0.	0.	16	-5.00	0.0017	0.0033
17	-3.60	0.0173	0.0802	17	-2.40	0.	0.	17	-4.80	0.0039	0.0072
18	-3.45	0.0239	0.1041	18	-2.30	0.	0.	18	-4.60	0.0047	0.0119
19	-3.30	0.0270	0.1311	19	-2.20	0.	0.	19	-4.40	0.0071	0.0190
20	-3.15	0.0246	0.1557	20	-2.10	0.	0.	20	-4.20	0.0131	0.0321
21	-3.00	0.0238	0.1795	21	-2.00	0.	0.	21	-4.00	0.0151	0.0473
22	-2.85	0.0234	0.2029	22	-1.90	0.	0.	22	-3.80	0.0184	0.0656
23	-2.70	0.0237	0.2266	23	-1.80	0.	0.	23	-3.60	0.0228	0.0884
24	-2.55	0.0202	0.2468	24	-1.70	0.	0.	24	-3.40	0.0235	0.1119
25	-2.40	0.0200	0.2667	25	-1.60	0.	0.	25	-3.20	0.0267	0.1386
26	-2.25	0.0190	0.2858	26	-1.50	0.	0.	26	-3.00	0.0254	0.1641
27	-2.10	0.0165	0.3023	27	-1.40	0.	0.	27	-2.80	0.0261	0.1902
28	-1.95	0.0182	0.3205	28	-1.30	0.	0.	28	-2.60	0.0297	0.2199
29	-1.80	0.0143	0.3348	29	-1.20	0.0002	0.0002	29	-2.40	0.0258	0.2457
30	-1.65	0.0143	0.3491	30	-1.10	0.0007	0.0010	30	-2.20	0.0245	0.2702
31	-1.50	0.0157	0.3648	31	-1.00	0.0014	0.0024	31	-2.00	0.0230	0.2932
32	-1.35	0.0156	0.3804	32	-0.90	0.0039	0.0063	32	-1.80	0.0203	0.3135
33	-1.20	0.0154	0.3958	33	-0.80	0.0083	0.0145	33	-1.60	0.0226	0.3361
34	-1.05	0.0139	0.4097	34	-0.70	0.0148	0.0293	34	-1.40	0.0221	0.3583
35	-0.90	0.0154	0.4250	35	-0.60	0.0235	0.0529	35	-1.20	0.0209	0.3791
36	-0.75	0.0152	0.4402	36	-0.50	0.0353	0.0881	36	-1.00	0.0223	0.4015
37	-0.60	0.0124	0.4526	37	-0.40	0.0507	0.1389	37	-0.80	0.0198	0.4212
38	-0.45	0.0152	0.4678	38	-0.30	0.0637	0.2026	38	-0.60	0.0206	0.4418
39	-0.30	0.0133	0.4811	39	-0.20	0.0782	0.2807	39	-0.40	0.0181	0.4600
40	-0.15	0.0144	0.4955	40	-0.10	0.0897	0.3704	40	-0.20	0.0182	0.4782
41	0.	0.0139	0.5094	41	0.	0.0871	0.4575	41	0.	0.0206	0.4988
42	0.15	0.0143	0.5238	42	0.10	0.0934	0.5509	42	0.20	0.0175	0.5163
43	0.30	0.0148	0.5385	43	0.20	0.0855	0.6364	43	0.40	0.0209	0.5372
44	0.45	0.0141	0.5526	44	0.30	0.0831	0.7195	44	0.60	0.0199	0.5571
45	0.60	0.0164	0.5691	45	0.40	0.0657	0.7852	45	0.80	0.0230	0.5801
46	0.75	0.0143	0.5834	46	0.50	0.0562	0.8414	46	1.00	0.0228	0.6029
47	0.90	0.0164	0.5998	47	0.60	0.0441	0.8855	47	1.20	0.0201	0.6230
48	1.05	0.0168	0.6166	48	0.70	0.0307	0.9162	48	1.40	0.0214	0.6445
49	1.20	0.0144	0.6310	49	0.80	0.0204	0.9367	49	1.60	0.0273	0.6737
50	1.35	0.0175	0.6485	50	0.90	0.0184	0.9551	50	1.80	0.0262	0.6999
51	1.50	0.0196	0.6681	51	1.00	0.0147	0.9698	51	2.00	0.0268	0.7268
52	1.65	0.0173	0.6853	52	1.10	0.0088	0.9785	52	2.20	0.0298	0.7566
53	1.80	0.0192	0.7045	53	1.20	0.0070	0.9856	53	2.40	0.0322	0.7888
54	1.95	0.0233	0.7278	54	1.30	0.0035	0.9890	54	2.60	0.0318	0.8206
55	2.10	0.0238	0.7515	55	1.40	0.0029	0.9920	55	2.80	0.0292	0.8498
56	2.25	0.0271	0.7787	56	1.50	0.0027	0.9947	56	3.00	0.0262	0.8760
57	2.40	0.0272	0.8058	57	1.60	0.0013	0.9959	57	3.20	0.0257	0.9016
58	2.55	0.0253	0.8311	58	1.70	0.0016	0.9976	58	3.40	0.0231	0.9247
59	2.70	0.0250	0.8561	59	1.80	0.0008	0.9984	59	3.60	0.0189	0.9437
60	2.85	0.0217	0.8779	60	1.90	0.0006	0.9990	60	3.80	0.0147	0.9583
61	3.00	0.0194	0.8972	61	2.00	0.0004	0.9993	61	4.00	0.0112	0.9695
62	3.15	0.0185	0.9157	62	2.10	0.0003	0.9996	62	4.20	0.0093	0.9788
63	3.30	0.0156	0.9313	63	2.20	0.0002	0.9998	63	4.40	0.0077	0.9865
64	3.45	0.0123	0.9436	64	2.30	0.0001	1.0000	64	4.60	0.0052	0.9917
65	3.60	0.0113	0.9548	65	2.40	0.	1.0000	65	4.80	0.0032	0.9949
66	3.75	0.0096	0.9644	66	2.50	0.	1.0000	66	5.00	0.0026	0.9975
67	3.90	0.0079	0.9723	67	2.60	0.	1.0000	67	5.20	0.0014	0.9989
68	4.05	0.0071	0.9794	68	2.70	0.	1.0000	68	5.40	0.0009	0.9998
69	4.20	0.0046	0.9840	69	2.80	0.	1.0000	69	5.60	0.0002	1.0000
70	4.35	0.0048	0.9888	70	2.90	0.	1.0000	70	5.80	0.	1.0000
71	4.50	0.0034	0.9922	71	3.00	0.	1.0000	71	6.00	0.	1.0000
72	4.65	0.0023	0.9945	72	3.10	0.	1.0000	72	6.20	0.	1.0000
73	4.80	0.0026	0.9971	73	3.20	0.	1.0000	73	6.40	0.	1.0000
74	4.95	0.0016	0.9987	74	3.30	0.	1.0000	74	6.60	0.	1.0000
75	5.10	0.0011	0.9998	75	3.40	0.	1.0000	75	6.80	0.	1.0000
76	5.25	0.0002	1.0000	76	3.50	0.	1.0000	76	7.00	0.	1.0000
77	5.40	0.	1.0000	77	3.60	0.	1.0000	77	7.20	0.	1.0000
78	5.55	0.	1.0000	78	3.70	0.	1.0000	78	7.40	0.	1.0000
79	5.70	0.	1.0000	79	3.80	0.	1.0000	79	7.60	0.	1.0000
80	5.85	0.	1.0000	80	3.90	0.	1.0000	80	7.80	0.	1.0000
81	6.00	0.	1.0000	81	4.00	0.	1.0000	81	8.00	0.	1.0000

I - INTERVAL NUMBER X - INTERVAL CENTER VALUE

P(X) - PROBABILITY MASS FUNCTION F(X) - CUMULATIVE DISTRIBUTION FUNCTION

FORT PULASKI GA.

STATISTICS FOR JULY

ASTRONOMICAL TIDE				STORM SURGE				TOTAL WATER LEVEL			
MEAN-0.06		STND DEV 2.50		MEAN-0.11		STND DEV 0.48		MEAN-0.17		STND DEV 2.54	
I	X	P(X)	F(X)	I	X	P(X)	F(X)	I	X	P(X)	F(X)
1	-6.00	0.	0.	1	-4.00	0.	0.	1	-8.00	0.	0.
2	-5.85	0.	0.	2	-3.90	0.	0.	2	-7.80	0.	0.
3	-5.70	0.	0.	3	-3.80	0.	0.	3	-7.60	0.	0.
4	-5.55	0.	0.	4	-3.70	0.	0.	4	-7.40	0.	0.
5	-5.40	0.	0.	5	-3.60	0.	0.	5	-7.20	0.	0.
6	-5.25	0.	0.	6	-3.50	0.	0.	6	-7.00	0.	0.
7	-5.10	0.	0.	7	-3.40	0.	0.	7	-6.80	0.	0.
8	-4.95	0.0002	0.0002	8	-3.30	0.	0.	8	-6.60	0.	0.
9	-4.80	0.0015	0.0018	9	-3.20	0.	0.	9	-6.40	0.	0.
10	-4.65	0.0026	0.0044	10	-3.10	0.	0.	10	-6.20	0.0001	0.0001
11	-4.50	0.0032	0.0077	11	-3.00	0.	0.	11	-6.00	0.0001	0.0002
12	-4.35	0.0054	0.0131	12	-2.90	0.	0.	12	-5.80	0.0001	0.0003
13	-4.20	0.0087	0.0218	13	-2.80	0.	0.	13	-5.60	0.0007	0.0010
14	-4.05	0.0111	0.0329	14	-2.70	0.	0.	14	-5.40	0.0006	0.0016
15	-3.90	0.0121	0.0449	15	-2.60	0.	0.	15	-5.20	0.0011	0.0027
16	-3.75	0.0146	0.0595	16	-2.50	0.	0.	16	-5.00	0.0033	0.0060
17	-3.60	0.0187	0.0782	17	-2.40	0.	0.	17	-4.80	0.0051	0.0112
18	-3.45	0.0217	0.0999	18	-2.30	0.	0.	18	-4.60	0.0077	0.0188
19	-3.30	0.0221	0.1220	19	-2.20	0.	0.	19	-4.40	0.0105	0.0293
20	-3.15	0.0245	0.1465	20	-2.10	0.	0.	20	-4.20	0.0133	0.0427
21	-3.00	0.0271	0.1736	21	-2.00	0.	0.	21	-4.00	0.0179	0.0605
22	-2.85	0.0232	0.1968	22	-1.90	0.	0.	22	-3.80	0.0244	0.0849
23	-2.70	0.0218	0.2186	23	-1.80	0.	0.	23	-3.60	0.0251	0.1100
24	-2.55	0.0213	0.2399	24	-1.70	0.	0.	24	-3.40	0.0285	0.1385
25	-2.40	0.0196	0.2595	25	-1.60	0.	0.	25	-3.20	0.0270	0.1655
26	-2.25	0.0187	0.2782	26	-1.50	0.	0.	26	-3.00	0.0272	0.1928
27	-2.10	0.0180	0.2962	27	-1.40	0.0008	0.0008	27	-2.80	0.0255	0.2183
28	-1.95	0.0172	0.3134	28	-1.30	0.0009	0.0017	28	-2.60	0.0261	0.2444
29	-1.80	0.0180	0.3314	29	-1.20	0.0024	0.0042	29	-2.40	0.0261	0.2705
30	-1.65	0.0145	0.3459	30	-1.10	0.0066	0.0108	30	-2.20	0.0242	0.2947
31	-1.50	0.0161	0.3620	31	-1.00	0.0118	0.0226	31	-2.00	0.0231	0.3178
32	-1.35	0.0153	0.3773	32	-0.90	0.0207	0.0433	32	-1.80	0.0214	0.3392
33	-1.20	0.0141	0.3914	33	-0.80	0.0312	0.0745	33	-1.60	0.0197	0.3589
34	-1.05	0.0140	0.4054	34	-0.70	0.0407	0.1152	34	-1.40	0.0191	0.3778
35	-0.90	0.0152	0.4206	35	-0.60	0.0551	0.1703	35	-1.20	0.0186	0.3964
36	-0.75	0.0131	0.4337	36	-0.50	0.0740	0.2444	36	-1.00	0.0220	0.4185
37	-0.60	0.0138	0.4475	37	-0.40	0.0783	0.3227	37	-0.80	0.0220	0.4405
38	-0.45	0.0152	0.4627	38	-0.30	0.0930	0.4157	38	-0.60	0.0209	0.4614
39	-0.30	0.0143	0.4770	39	-0.20	0.0903	0.5059	39	-0.40	0.0199	0.4812
40	-0.15	0.0143	0.4913	40	-0.10	0.0850	0.5909	40	-0.20	0.0173	0.4985
41	0.	0.0142	0.5055	41	0.	0.0772	0.6681	41	0.	0.0197	0.5183
42	0.15	0.0147	0.5202	42	0.10	0.0611	0.7292	42	0.20	0.0177	0.5360
43	0.30	0.0162	0.5364	43	0.20	0.0579	0.7871	43	0.40	0.0210	0.5569
44	0.45	0.0135	0.5499	44	0.30	0.0482	0.8353	44	0.60	0.0223	0.5792
45	0.60	0.0157	0.5656	45	0.40	0.0408	0.8761	45	0.80	0.0210	0.6001
46	0.75	0.0146	0.5799	46	0.50	0.0340	0.9101	46	1.00	0.0225	0.6226
47	0.90	0.0153	0.5952	47	0.60	0.0247	0.9348	47	1.20	0.0242	0.6468
48	1.05	0.0151	0.6103	48	0.70	0.0179	0.9527	48	1.40	0.0261	0.6729
49	1.20	0.0153	0.6256	49	0.80	0.0121	0.9648	49	1.60	0.0281	0.7011
50	1.35	0.0174	0.6429	50	0.90	0.0092	0.9740	50	1.80	0.0288	0.7299
51	1.50	0.0184	0.6614	51	1.00	0.0067	0.9807	51	2.00	0.0275	0.7573
52	1.65	0.0190	0.6803	52	1.10	0.0059	0.9866	52	2.20	0.0281	0.7855
53	1.80	0.0210	0.7013	53	1.20	0.0045	0.9911	53	2.40	0.0296	0.8151
54	1.95	0.0215	0.7228	54	1.30	0.0020	0.9931	54	2.60	0.0273	0.8424
55	2.10	0.0224	0.7452	55	1.40	0.0025	0.9956	55	2.80	0.0273	0.8697
56	2.25	0.0254	0.7706	56	1.50	0.0012	0.9969	56	3.00	0.0260	0.8957
57	2.40	0.0250	0.7955	57	1.60	0.0002	0.9971	57	3.20	0.0245	0.9202
58	2.55	0.0253	0.8208	58	1.70	0.0002	0.9973	58	3.40	0.0195	0.9397
59	2.70	0.0244	0.8453	59	1.80	0.0002	0.9976	59	3.60	0.0147	0.9543
60	2.85	0.0204	0.8657	60	1.90	0.0002	0.9978	60	3.80	0.0131	0.9675
61	3.00	0.0196	0.8853	61	2.00	0.0001	0.9978	61	4.00	0.0100	0.9775
62	3.15	0.0191	0.9043	62	2.10	0.0002	1.0000	62	4.20	0.0084	0.9859
63	3.30	0.0187	0.9230	63	2.20	0.	1.0000	63	4.40	0.0055	0.9914
64	3.45	0.0160	0.9390	64	2.30	0.	1.0000	64	4.60	0.0029	0.9944
65	3.60	0.0154	0.9544	65	2.40	0.	1.0000	65	4.80	0.0026	0.9970
66	3.75	0.0120	0.9664	66	2.50	0.	1.0000	66	5.00	0.0017	0.9987
67	3.90	0.0085	0.9749	67	2.60	0.	1.0000	67	5.20	0.0008	0.9995
68	4.05	0.0071	0.9820	68	2.70	0.	1.0000	68	5.40	0.0004	0.9999
69	4.20	0.0048	0.9868	69	2.80	0.	1.0000	69	5.60	0.0001	1.0000
70	4.35	0.0046	0.9914	70	2.90	0.	1.0000	70	5.80	0.	1.0000
71	4.50	0.0032	0.9945	71	3.00	0.	1.0000	71	6.00	0.	1.0000
72	4.65	0.0020	0.9965	72	3.10	0.	1.0000	72	6.20	0.	1.0000
73	4.80	0.0016	0.9981	73	3.20	0.	1.0000	73	6.40	0.	1.0000
74	4.95	0.0013	0.9994	74	3.30	0.	1.0000	74	6.60	0.	1.0000
75	5.10	0.0005	1.0000	75	3.40	0.	1.0000	75	6.80	0.	1.0000
76	5.25	0.	1.0000	76	3.50	0.	1.0000	76	7.00	0.	1.0000
77	5.40	0.	1.0000	77	3.60	0.	1.0000	77	7.20	0.	1.0000
78	5.55	0.	1.0000	78	3.70	0.	1.0000	78	7.40	0.	1.0000
79	5.70	0.	1.0000	79	3.80	0.	1.0000	79	7.60	0.	1.0000
80	5.85	0.	1.0000	80	3.90	0.	1.0000	80	7.80	0.	1.0000
81	6.00	0.	1.0000	81	4.00	0.	1.0000	81	8.00	0.	1.0000

I - INTERVAL NUMBER X - INTERVAL CENTER VALUE

P(X) - PROBABILITY MASS FUNCTION F(X) - CUMULATIVE DISTRIBUTION FUNCTION

FORT PULASKI GA.

STATISTICS FOR AUGUST

ASTRONOMICAL TIDE				STORM SURGE				TOTAL WATER LEVEL			
MEAN 0.16		STND DEV 2.50		MEAN-0.17		STND DEV 0.47		MEAN-0.02		STND DEV 2.52	
I	X	P(X)	F(X)	I	X	P(X)	F(X)	I	X	P(X)	F(X)
1	-6.00	0.	0.	1	-4.00	0.	0.	1	-8.00	0.	0.
2	-5.85	0.	0.	2	-3.90	0.	0.	2	-7.80	0.	0.
3	-5.70	0.	0.	3	-3.80	0.	0.	3	-7.60	0.	0.
4	-5.55	0.	0.	4	-3.70	0.	0.	4	-7.40	0.	0.
5	-5.40	0.	0.	5	-3.60	0.	0.	5	-7.20	0.	0.
6	-5.25	0.	0.	6	-3.50	0.	0.	6	-7.00	0.	0.
7	-5.10	0.	0.	7	-3.40	0.	0.	7	-6.80	0.	0.
8	-4.95	0.0001	0.0001	8	-3.30	0.	0.	8	-6.60	0.	0.
9	-4.80	0.0005	0.0006	9	-3.20	0.	0.	9	-6.40	0.	0.
10	-4.65	0.0013	0.0018	10	-3.10	0.	0.	10	-6.20	0.0001	0.0001
11	-4.50	0.0028	0.0046	11	-3.00	0.	0.	11	-6.00	0.0002	0.0002
12	-4.35	0.0053	0.0099	12	-2.90	0.	0.	12	-5.80	0.0003	0.0005
13	-4.20	0.0051	0.0150	13	-2.80	0.	0.	13	-5.60	0.0004	0.0009
14	-4.05	0.0079	0.0229	14	-2.70	0.	0.	14	-5.40	0.0008	0.0017
15	-3.90	0.0081	0.0310	15	-2.60	0.	0.	15	-5.20	0.0019	0.0036
16	-3.75	0.0102	0.0412	16	-2.50	0.	0.	16	-5.00	0.0030	0.0066
17	-3.60	0.0139	0.0551	17	-2.40	0.	0.	17	-4.80	0.0039	0.0105
18	-3.45	0.0179	0.0730	18	-2.30	0.	0.	18	-4.60	0.0051	0.0156
19	-3.30	0.0209	0.0939	19	-2.20	0.	0.	19	-4.40	0.0081	0.0237
20	-3.15	0.0211	0.1150	20	-2.10	0.0001	0.0001	20	-4.20	0.0112	0.0348
21	-3.00	0.0228	0.1378	21	-2.00	0.0002	0.0003	21	-4.00	0.0143	0.0491
22	-2.85	0.0220	0.1598	22	-1.90	0.0003	0.0006	22	-3.80	0.0175	0.0667
23	-2.70	0.0225	0.1823	23	-1.80	0.0002	0.0009	23	-3.60	0.0246	0.0913
24	-2.55	0.0240	0.2064	24	-1.70	0.0006	0.0015	24	-3.40	0.0241	0.1154
25	-2.40	0.0221	0.2284	25	-1.60	0.0006	0.0021	25	-3.20	0.0237	0.1391
26	-2.25	0.0197	0.2482	26	-1.50	0.0010	0.0030	26	-3.00	0.0275	0.1666
27	-2.10	0.0201	0.2682	27	-1.40	0.0011	0.0041	27	-2.80	0.0263	0.1929
28	-1.95	0.0185	0.2868	28	-1.30	0.0024	0.0065	28	-2.60	0.0271	0.2199
29	-1.80	0.0181	0.3049	29	-1.20	0.0059	0.0124	29	-2.40	0.0243	0.2442
30	-1.65	0.0163	0.3212	30	-1.10	0.0083	0.0207	30	-2.20	0.0252	0.2694
31	-1.50	0.0176	0.3388	31	-1.00	0.0159	0.0367	31	-2.00	0.0224	0.2917
32	-1.35	0.0154	0.3542	32	-0.90	0.0250	0.0617	32	-1.80	0.0248	0.3165
33	-1.20	0.0145	0.3687	33	-0.80	0.0325	0.0942	33	-1.60	0.0237	0.3402
34	-1.05	0.0149	0.3836	34	-0.70	0.0468	0.1410	34	-1.40	0.0219	0.3621
35	-0.90	0.0145	0.3981	35	-0.60	0.0653	0.2064	35	-1.20	0.0205	0.3826
36	-0.75	0.0155	0.4136	36	-0.50	0.0754	0.2818	36	-1.00	0.0227	0.4053
37	-0.60	0.0144	0.4279	37	-0.40	0.0830	0.3648	37	-0.80	0.0184	0.4237
38	-0.45	0.0151	0.4430	38	-0.30	0.0873	0.4521	38	-0.60	0.0195	0.4433
39	-0.30	0.0144	0.4573	39	-0.20	0.0927	0.5448	39	-0.40	0.0190	0.4622
40	-0.15	0.0134	0.4708	40	-0.10	0.0845	0.6293	40	-0.20	0.0197	0.4819
41	0.	0.0134	0.4842	41	0.	0.0783	0.7075	41	0.	0.0192	0.5011
42	0.15	0.0142	0.4984	42	0.10	0.0731	0.7806	42	0.20	0.0202	0.5213
43	0.30	0.0146	0.5130	43	0.20	0.0523	0.8329	43	0.40	0.0213	0.5426
44	0.45	0.0145	0.5275	44	0.30	0.0382	0.8711	44	0.60	0.0218	0.5644
45	0.60	0.0160	0.5435	45	0.40	0.0321	0.9033	45	0.80	0.0210	0.5854
46	0.75	0.0146	0.5581	46	0.50	0.0246	0.9279	46	1.00	0.0206	0.6060
47	0.90	0.0160	0.5741	47	0.60	0.0202	0.9481	47	1.20	0.0241	0.6302
48	1.05	0.0157	0.5898	48	0.70	0.0152	0.9633	48	1.40	0.0239	0.6541
49	1.20	0.0150	0.6048	49	0.80	0.0129	0.9763	49	1.60	0.0272	0.6813
50	1.35	0.0146	0.6194	50	0.90	0.0084	0.9847	50	1.80	0.0279	0.7092
51	1.50	0.0175	0.6369	51	1.00	0.0063	0.9910	51	2.00	0.0275	0.7367
52	1.65	0.0184	0.6553	52	1.10	0.0040	0.9950	52	2.20	0.0309	0.7675
53	1.80	0.0187	0.6740	53	1.20	0.0024	0.9974	53	2.40	0.0273	0.7948
54	1.95	0.0201	0.6940	54	1.30	0.0008	0.9982	54	2.60	0.0296	0.8244
55	2.10	0.0210	0.7150	55	1.40	0.0005	0.9986	55	2.80	0.0313	0.8557
56	2.25	0.0211	0.7362	56	1.50	0.0006	0.9993	56	3.00	0.0270	0.8827
57	2.40	0.0226	0.7588	57	1.60	0.0005	0.9998	57	3.20	0.0237	0.9064
58	2.55	0.0241	0.7829	58	1.70	0.0002	0.9999	58	3.40	0.0229	0.9293
59	2.70	0.0232	0.8061	59	1.80	0.0001	1.0000	59	3.60	0.0189	0.9482
60	2.85	0.0243	0.8304	60	1.90	0.	1.0000	60	3.80	0.0158	0.9640
61	3.00	0.0243	0.8546	61	2.00	0.	1.0000	61	4.00	0.0110	0.9750
62	3.15	0.0211	0.8757	62	2.10	0.	1.0000	62	4.20	0.0094	0.9844
63	3.30	0.0182	0.8939	63	2.20	0.	1.0000	63	4.40	0.0057	0.9902
64	3.45	0.0194	0.9133	64	2.30	0.	1.0000	64	4.60	0.0039	0.9941
65	3.60	0.0169	0.9302	65	2.40	0.	1.0000	65	4.80	0.0021	0.9961
66	3.75	0.0159	0.9461	66	2.50	0.	1.0000	66	5.00	0.0015	0.9976
67	3.90	0.0155	0.9616	67	2.60	0.	1.0000	67	5.20	0.0010	0.9986
68	4.05	0.0105	0.9721	68	2.70	0.	1.0000	68	5.40	0.0007	0.9993
69	4.20	0.0090	0.9810	69	2.80	0.	1.0000	69	5.60	0.0003	0.9996
70	4.35	0.0056	0.9866	70	2.90	0.	1.0000	70	5.80	0.0002	0.9998
71	4.50	0.0047	0.9913	71	3.00	0.	1.0000	71	6.00	0.0002	1.0000
72	4.65	0.0033	0.9945	72	3.10	0.	1.0000	72	6.20	0.	1.0000
73	4.80	0.0030	0.9976	73	3.20	0.	1.0000	73	6.40	0.	1.0000
74	4.95	0.0015	0.9991	74	3.30	0.	1.0000	74	6.60	0.	1.0000
75	5.10	0.0006	0.9997	75	3.40	0.	1.0000	75	6.80	0.	1.0000
76	5.25	0.0003	1.0000	76	3.50	0.	1.0000	76	7.00	0.	1.0000
77	5.40	0.	1.0000	77	3.60	0.	1.0000	77	7.20	0.	1.0000
78	5.55	0.	1.0000	78	3.70	0.	1.0000	78	7.40	0.	1.0000
79	5.70	0.	1.0000	79	3.80	0.	1.0000	79	7.60	0.	1.0000
80	5.85	0.	1.0000	80	3.90	0.	1.0000	80	7.80	0.	1.0000
81	6.00	0.	1.0000	81	4.00	0.	1.0000	81	8.00	0.	1.0000

I - INTERVAL NUMBER X - INTERVAL CENTER VALUE

P(X) - PROBABILITY MASS FUNCTION F(X) - CUMULATIVE DISTRIBUTION FUNCTION

FORT PULASKI GA.

STATISTICS FOR SEPTEMBER

ASTRONOMICAL TIDE

MEAN 0.40 STND DEV 2.51

I	X	P(X)	F(X)
1	-6.00	0.	0.
2	-5.85	0.	0.
3	-5.70	0.	0.
4	-5.55	0.	0.
5	-5.40	0.	0.
6	-5.25	0.	0.
7	-5.10	0.	0.
8	-4.95	0.	0.
9	-4.80	0.0003	0.0003
10	-4.65	0.0012	0.0015
11	-4.50	0.0019	0.0034
12	-4.35	0.0030	0.0064
13	-4.20	0.0045	0.0109
14	-4.05	0.0061	0.0170
15	-3.90	0.0063	0.0233
16	-3.75	0.0072	0.0304
17	-3.60	0.0101	0.0405
18	-3.45	0.0111	0.0516
19	-3.30	0.0127	0.0643
20	-3.15	0.0181	0.0824
21	-3.00	0.0192	0.1016
22	-2.85	0.0209	0.1225
23	-2.70	0.0215	0.1440
24	-2.55	0.0206	0.1646
25	-2.40	0.0221	0.1867
26	-2.25	0.0237	0.2104
27	-2.10	0.0214	0.2317
28	-1.95	0.0238	0.2555
29	-1.80	0.0192	0.2746
30	-1.65	0.0167	0.2914
31	-1.50	0.0177	0.3091
32	-1.35	0.0172	0.3262
33	-1.20	0.0167	0.3429
34	-1.05	0.0159	0.3588
35	-0.90	0.0153	0.3740
36	-0.75	0.0145	0.3885
37	-0.60	0.0148	0.4034
38	-0.45	0.0140	0.4174
39	-0.30	0.0165	0.4339
40	-0.15	0.0140	0.4480
41	0.	0.0128	0.4607
42	0.15	0.0131	0.4738
43	0.30	0.0164	0.4903
44	0.45	0.0148	0.5051
45	0.60	0.0154	0.5205
46	0.75	0.0129	0.5333
47	0.90	0.0138	0.5472
48	1.05	0.0166	0.5637
49	1.20	0.0148	0.5785
50	1.35	0.0156	0.5941
51	1.50	0.0155	0.6097
52	1.65	0.0189	0.6286
53	1.80	0.0164	0.6450
54	1.95	0.0170	0.6621
55	2.10	0.0193	0.6814
56	2.25	0.0217	0.7031
57	2.40	0.0222	0.7252
58	2.55	0.0214	0.7466
59	2.70	0.0219	0.7685
60	2.85	0.0229	0.7914
61	3.00	0.0223	0.8137
62	3.15	0.0219	0.8355
63	3.30	0.0242	0.8597
64	3.45	0.0198	0.8795
65	3.60	0.0194	0.8989
66	3.75	0.0207	0.9196
67	3.90	0.0173	0.9369
68	4.05	0.0150	0.9519
69	4.20	0.0105	0.9624
70	4.35	0.0097	0.9721
71	4.50	0.0077	0.9798
72	4.65	0.0061	0.9860
73	4.80	0.0052	0.9911
74	4.95	0.0039	0.9951
75	5.10	0.0028	0.9979
76	5.25	0.0014	0.9993
77	5.40	0.0005	0.9998
78	5.55	0.0002	1.0000
79	5.70	0.	1.0000
80	5.85	0.	1.0000
81	6.00	0.	1.0000

STORM SURGE

MEAN 0.06 STND DEV 0.50

I	X	P(X)	F(X)
1	-4.00	0.	0.
2	-3.90	0.	0.
3	-3.80	0.	0.
4	-3.70	0.	0.
5	-3.60	0.	0.
6	-3.50	0.	0.
7	-3.40	0.	0.
8	-3.30	0.	0.
9	-3.20	0.	0.
10	-3.10	0.	0.
11	-3.00	0.	0.
12	-2.90	0.	0.
13	-2.80	0.	0.
14	-2.70	0.	0.
15	-2.60	0.	0.
16	-2.50	0.	0.
17	-2.40	0.	0.
18	-2.30	0.	0.
19	-2.20	0.	0.
20	-2.10	0.	0.
21	-2.00	0.0001	0.0001
22	-1.90	0.	0.0001
23	-1.80	0.0001	0.0002
24	-1.70	0.0001	0.0003
25	-1.60	0.0003	0.0005
26	-1.50	0.0003	0.0007
27	-1.40	0.0006	0.0013
28	-1.30	0.0008	0.0021
29	-1.20	0.0022	0.0044
30	-1.10	0.0035	0.0079
31	-1.00	0.0056	0.0135
32	-0.90	0.0067	0.0202
33	-0.80	0.0118	0.0320
34	-0.70	0.0201	0.0521
35	-0.60	0.0357	0.0879
36	-0.50	0.0521	0.1400
37	-0.40	0.0603	0.2003
38	-0.30	0.0756	0.2759
39	-0.20	0.0810	0.3569
40	-0.10	0.0890	0.4460
41	0.	0.0804	0.5263
42	0.10	0.0793	0.6056
43	0.20	0.0691	0.6747
44	0.30	0.0636	0.7383
45	0.40	0.0535	0.7918
46	0.50	0.0441	0.8360
47	0.60	0.0394	0.8753
48	0.70	0.0304	0.9057
49	0.80	0.0229	0.9286
50	0.90	0.0194	0.9480
51	1.00	0.0155	0.9635
52	1.10	0.0125	0.9760
53	1.20	0.0086	0.9847
54	1.30	0.0064	0.9911
55	1.40	0.0038	0.9949
56	1.50	0.0026	0.9974
57	1.60	0.0013	0.9988
58	1.70	0.0008	0.9996
59	1.80	0.0002	0.9998
60	1.90	0.0002	0.9999
61	2.00	0.	0.9999
62	2.10	0.0001	1.0000
63	2.20	0.	1.0000
64	2.30	0.	1.0000
65	2.40	0.	1.0000
66	2.50	0.	1.0000
67	2.60	0.	1.0000
68	2.70	0.	1.0000
69	2.80	0.	1.0000
70	2.90	0.	1.0000
71	3.00	0.	1.0000
72	3.10	0.	1.0000
73	3.20	0.	1.0000
74	3.30	0.	1.0000
75	3.40	0.	1.0000
76	3.50	0.	1.0000
77	3.60	0.	1.0000
78	3.70	0.	1.0000
79	3.80	0.	1.0000
80	3.90	0.	1.0000
81	4.00	0.	1.0000

TOTAL WATER LEVEL

MEAN 0.46 STND DEV 2.57

I	X	P(X)	F(X)
1	-8.00	0.	0.
2	-7.80	0.	0.
3	-7.60	0.	0.
4	-7.40	0.	0.
5	-7.20	0.	0.
6	-7.00	0.	0.
7	-6.80	0.	0.
8	-6.60	0.	0.
9	-6.40	0.	0.
10	-6.20	0.	0.
11	-6.00	0.	0.
12	-5.80	0.	0.
13	-5.60	0.	0.
14	-5.40	0.0002	0.0002
15	-5.20	0.0010	0.0012
16	-5.00	0.0010	0.0021
17	-4.80	0.0021	0.0042
18	-4.60	0.0039	0.0081
19	-4.40	0.0054	0.0134
20	-4.20	0.0075	0.0210
21	-4.00	0.0086	0.0295
22	-3.80	0.0117	0.0412
23	-3.60	0.0142	0.0554
24	-3.40	0.0181	0.0736
25	-3.20	0.0174	0.0910
26	-3.00	0.0205	0.1115
27	-2.80	0.0239	0.1354
28	-2.60	0.0228	0.1582
29	-2.40	0.0247	0.1828
30	-2.20	0.0260	0.2088
31	-2.00	0.0253	0.2342
32	-1.80	0.0266	0.2608
33	-1.60	0.0238	0.2846
34	-1.40	0.0225	0.3071
35	-1.20	0.0221	0.3292
36	-1.00	0.0228	0.3520
37	-0.80	0.0216	0.3736
38	-0.60	0.0203	0.3939
39	-0.40	0.0186	0.4125
40	-0.20	0.0207	0.4332
41	0.	0.0181	0.4514
42	0.20	0.0234	0.4748
43	0.40	0.0177	0.4925
44	0.60	0.0196	0.5121
45	0.80	0.0203	0.5325
46	1.00	0.0205	0.5528
47	1.20	0.0210	0.5738
48	1.40	0.0222	0.5960
49	1.60	0.0233	0.6193
50	1.80	0.0236	0.6429
51	2.00	0.0251	0.6680
52	2.20	0.0252	0.6932
53	2.40	0.0264	0.7196
54	2.60	0.0293	0.7489
55	2.80	0.0290	0.7779
56	3.00	0.0309	0.8088
57	3.20	0.0286	0.8374
58	3.40	0.0280	0.8654
59	3.60	0.0268	0.8922
60	3.80	0.0222	0.9144
61	4.00	0.0210	0.9354
62	4.20	0.0177	0.9531
63	4.40	0.0139	0.9670
64	4.60	0.0110	0.9780
65	4.80	0.0067	0.9847
66	5.00	0.0061	0.9908
67	5.20	0.0034	0.9941
68	5.40	0.0026	0.9967
69	5.60	0.0014	0.9981
70	5.80	0.0009	0.9990
71	6.00	0.0003	0.9993
72	6.20	0.0003	0.9996
73	6.40	0.0003	0.9999
74	6.60	0.0001	1.0000
75	6.80	0.	1.0000
76	7.00	0.	1.0000
77	7.20	0.	1.0000
78	7.40	0.	1.0000
79	7.60	0.	1.0000
80	7.80	0.	1.0000
81	8.00	0.	1.0000

I - INTERVAL NUMBER X - INTERVAL CENTER VALUE

P(X) - PROBABILITY MASS FUNCTION F(X) - CUMULATIVE DISTRIBUTION FUNCTION

FORT PULASKI GA.

STATISTICS FOR OCTOBER

ASTRONOMICAL TIDE				STORM SURGE				TOTAL WATER LEVEL			
MEAN 0.47		STND DEV 2.52		MEAN 0.11		STND DEV 0.45		MEAN 0.58		STND DEV 2.54	
I	X	P(X)	F(X)	I	X	P(X)	F(X)	I	X	P(X)	F(X)
1	-6.00	0.	0.	1	-4.00	0.	0.	1	-8.00	0.	0.
2	-5.85	0.	0.	2	-3.90	0.	0.	2	-7.80	0.	0.
3	-5.70	0.	0.	3	-3.80	0.	0.	3	-7.60	0.	0.
4	-5.55	0.	0.	4	-3.70	0.	0.	4	-7.40	0.	0.
5	-5.40	0.	0.	5	-3.60	0.	0.	5	-7.20	0.	0.
6	-5.25	0.	0.	6	-3.50	0.	0.	6	-7.00	0.	0.
7	-5.10	0.	0.	7	-3.40	0.	0.	7	-6.80	0.	0.
8	-4.95	0.	0.	8	-3.30	0.	0.	8	-6.60	0.	0.
9	-4.80	0.	0.	9	-3.20	0.	0.	9	-6.40	0.	0.
10	-4.65	0.0011	0.0011	10	-3.10	0.	0.	10	-6.20	0.	0.
11	-4.50	0.0022	0.0033	11	-3.00	0.	0.	11	-6.00	0.	0.
12	-4.35	0.0033	0.0066	12	-2.90	0.	0.	12	-5.80	0.	0.
13	-4.20	0.0046	0.0112	13	-2.80	0.	0.	13	-5.60	0.0001	0.0001
14	-4.05	0.0038	0.0151	14	-2.70	0.	0.	14	-5.40	0.0001	0.0002
15	-3.90	0.0069	0.0220	15	-2.60	0.	0.	15	-5.20	0.0002	0.0003
16	-3.75	0.0063	0.0283	16	-2.50	0.	0.	16	-5.00	0.0005	0.0008
17	-3.60	0.0085	0.0368	17	-2.40	0.	0.	17	-4.80	0.0031	0.0039
18	-3.45	0.0098	0.0466	18	-2.30	0.	0.	18	-4.60	0.0031	0.0070
19	-3.30	0.0135	0.0601	19	-2.20	0.	0.	19	-4.40	0.0035	0.0105
20	-3.15	0.0141	0.0741	20	-2.10	0.	0.	20	-4.20	0.0066	0.0171
21	-3.00	0.0180	0.0922	21	-2.00	0.	0.	21	-4.00	0.0054	0.0224
22	-2.85	0.0196	0.1118	22	-1.90	0.	0.	22	-3.80	0.0088	0.0313
23	-2.70	0.0205	0.1323	23	-1.80	0.	0.	23	-3.60	0.0118	0.0430
24	-2.55	0.0200	0.1523	24	-1.70	0.	0.	24	-3.40	0.0138	0.0569
25	-2.40	0.0224	0.1747	25	-1.60	0.0002	0.0002	25	-3.20	0.0166	0.0735
26	-2.25	0.0242	0.1989	26	-1.50	0.0002	0.0005	26	-3.00	0.0166	0.0901
27	-2.10	0.0225	0.2214	27	-1.40	0.0005	0.0010	27	-2.80	0.0247	0.1148
28	-1.95	0.0220	0.2434	28	-1.30	0.0011	0.0020	28	-2.60	0.0219	0.1367
29	-1.80	0.0211	0.2646	29	-1.20	0.0017	0.0037	29	-2.40	0.0258	0.1625
30	-1.65	0.0195	0.2840	30	-1.10	0.0039	0.0076	30	-2.20	0.0269	0.1894
31	-1.50	0.0186	0.3026	31	-1.00	0.0049	0.0126	31	-2.00	0.0245	0.2139
32	-1.35	0.0168	0.3195	32	-0.90	0.0082	0.0208	32	-1.80	0.0258	0.2398
33	-1.20	0.0156	0.3350	33	-0.80	0.0120	0.0328	33	-1.60	0.0250	0.2648
34	-1.05	0.0157	0.3507	34	-0.70	0.0159	0.0487	34	-1.40	0.0240	0.2888
35	-0.90	0.0166	0.3673	35	-0.60	0.0239	0.0726	35	-1.20	0.0234	0.3122
36	-0.75	0.0146	0.3819	36	-0.50	0.0340	0.1066	36	-1.00	0.0240	0.3362
37	-0.60	0.0147	0.3966	37	-0.40	0.0432	0.1498	37	-0.80	0.0237	0.3599
38	-0.45	0.0134	0.4099	38	-0.30	0.0556	0.2054	38	-0.60	0.0217	0.3816
39	-0.30	0.0149	0.4249	39	-0.20	0.0680	0.2734	39	-0.40	0.0222	0.4037
40	-0.15	0.0151	0.4399	40	-0.10	0.0833	0.3567	40	-0.20	0.0182	0.4220
41	0.	0.0141	0.4541	41	0.	0.0880	0.4447	41	0.	0.0191	0.4410
42	0.15	0.0151	0.4692	42	0.10	0.0881	0.5328	42	0.20	0.0196	0.4606
43	0.30	0.0156	0.4849	43	0.20	0.0891	0.6219	43	0.40	0.0202	0.4808
44	0.45	0.0149	0.4997	44	0.30	0.0809	0.7028	44	0.60	0.0203	0.5011
45	0.60	0.0130	0.5127	45	0.40	0.0698	0.7727	45	0.80	0.0201	0.5213
46	0.75	0.0139	0.5265	46	0.50	0.0625	0.8351	46	1.00	0.0215	0.5428
47	0.90	0.0156	0.5421	47	0.60	0.0508	0.8860	47	1.20	0.0233	0.5661
48	1.05	0.0149	0.5570	48	0.70	0.0370	0.9229	48	1.40	0.0210	0.5872
49	1.20	0.0133	0.5703	49	0.80	0.0259	0.9488	49	1.60	0.0212	0.6084
50	1.35	0.0156	0.5860	50	0.90	0.0185	0.9673	50	1.80	0.0218	0.6302
51	1.50	0.0172	0.6031	51	1.00	0.0143	0.9816	51	2.00	0.0232	0.6534
52	1.65	0.0163	0.6195	52	1.10	0.0084	0.9901	52	2.20	0.0270	0.6805
53	1.80	0.0176	0.6371	53	1.20	0.0054	0.9954	53	2.40	0.0285	0.7090
54	1.95	0.0182	0.6553	54	1.30	0.0023	0.9977	54	2.60	0.0297	0.7387
55	2.10	0.0178	0.6730	55	1.40	0.0008	0.9985	55	2.80	0.0288	0.7675
56	2.25	0.0204	0.6935	56	1.50	0.0006	0.9991	56	3.00	0.0284	0.7958
57	2.40	0.0207	0.7141	57	1.60	0.0007	0.9998	57	3.20	0.0317	0.8275
58	2.55	0.0241	0.7383	58	1.70	0.0002	0.9999	58	3.40	0.0278	0.8553
59	2.70	0.0222	0.7605	59	1.80	0.	0.9999	59	3.60	0.0262	0.8814
60	2.85	0.0217	0.7821	60	1.90	0.	0.9999	60	3.80	0.0248	0.9062
61	3.00	0.0229	0.8050	61	2.00	0.0001	1.0000	61	4.00	0.0200	0.9262
62	3.15	0.0245	0.8295	62	2.10	0.	1.0000	62	4.20	0.0188	0.9450
63	3.30	0.0214	0.8510	63	2.20	0.	1.0000	63	4.40	0.0145	0.9596
64	3.45	0.0221	0.8730	64	2.30	0.	1.0000	64	4.60	0.0133	0.9729
65	3.60	0.0217	0.8947	65	2.40	0.	1.0000	65	4.80	0.0080	0.9808
66	3.75	0.0177	0.9123	66	2.50	0.	1.0000	66	5.00	0.0069	0.9877
67	3.90	0.0170	0.9294	67	2.60	0.	1.0000	67	5.20	0.0046	0.9923
68	4.05	0.0154	0.9448	68	2.70	0.	1.0000	68	5.40	0.0033	0.9956
69	4.20	0.0115	0.9563	69	2.80	0.	1.0000	69	5.60	0.0023	0.9979
70	4.35	0.0099	0.9663	70	2.90	0.	1.0000	70	5.80	0.0015	0.9993
71	4.50	0.0079	0.9741	71	3.00	0.	1.0000	71	6.00	0.0004	0.9998
72	4.65	0.0069	0.9810	72	3.10	0.	1.0000	72	6.20	0.0002	1.0000
73	4.80	0.0050	0.9860	73	3.20	0.	1.0000	73	6.40	0.	1.0000
74	4.95	0.0041	0.9901	74	3.30	0.	1.0000	74	6.60	0.	1.0000
75	5.10	0.0025	0.9926	75	3.40	0.	1.0000	75	6.80	0.	1.0000
76	5.25	0.0025	0.9951	76	3.50	0.	1.0000	76	7.00	0.	1.0000
77	5.40	0.0018	0.9969	77	3.60	0.	1.0000	77	7.20	0.	1.0000
78	5.55	0.0018	0.9987	78	3.70	0.	1.0000	78	7.40	0.	1.0000
79	5.70	0.0013	0.9999	79	3.80	0.	1.0000	79	7.60	0.	1.0000
80	5.85	0.0001	1.0000	80	3.90	0.	1.0000	80	7.80	0.	1.0000
81	6.00	0.	1.0000	81	4.00	0.	1.0000	81	8.00	0.	1.0000

I - INTERVAL NUMBER X - INTERVAL CENTER VALUE

P(X) - PROBABILITY MASS FUNCTION F(X) - CUMULATIVE DISTRIBUTION FUNCTION

FORT PULASKI GA.

STATISTICS FOR NOVEMBER

ASTRONOMICAL TIDE				STORM SURGE				TOTAL WATER LEVEL			
MEAN 0.27		STND DEV 2.50		MEAN-0.08		STND DEV 0.54		MEAN 0.19		STND DEV 2.56	
I	X	P(X)	F(X)	I	X	P(X)	F(X)	I	X	P(X)	F(X)
1	-6.00	0.	0.	1	-4.00	0.	0.	1	-8.00	0.	0.
2	-5.85	0.	0.	2	-3.90	0.	0.	2	-7.80	0.	0.
3	-5.70	0.	0.	3	-3.80	0.	0.	3	-7.60	0.	0.
4	-5.55	0.	0.	4	-3.70	0.	0.	4	-7.40	0.	0.
5	-5.40	0.	0.	5	-3.60	0.	0.	5	-7.20	0.	0.
6	-5.25	0.	0.	6	-3.50	0.	0.	6	-7.00	0.	0.
7	-5.10	0.	0.	7	-3.40	0.	0.	7	-6.80	0.	0.
8	-4.95	0.0001	0.0001	8	-3.30	0.	0.	8	-6.60	0.	0.
9	-4.80	0.0005	0.0006	9	-3.20	0.	0.	9	-6.40	0.	0.
10	-4.65	0.0020	0.0026	10	-3.10	0.0001	0.0001	10	-6.20	0.0002	0.0002
11	-4.50	0.0017	0.0043	11	-3.00	0.0001	0.0002	11	-6.00	0.0002	0.0004
12	-4.35	0.0044	0.0087	12	-2.90	0.0001	0.0002	12	-5.80	0.0004	0.0008
13	-4.20	0.0042	0.0129	13	-2.80	0.	0.0002	13	-5.60	0.0002	0.0010
14	-4.05	0.0056	0.0185	14	-2.70	0.0002	0.0005	14	-5.40	0.0007	0.0017
15	-3.90	0.0086	0.0272	15	-2.60	0.0004	0.0009	15	-5.20	0.0015	0.0032
16	-3.75	0.0079	0.0351	16	-2.50	0.0002	0.0011	16	-5.00	0.0025	0.0058
17	-3.60	0.0093	0.0444	17	-2.40	0.0002	0.0013	17	-4.80	0.0035	0.0092
18	-3.45	0.0131	0.0576	18	-2.30	0.0005	0.0017	18	-4.60	0.0055	0.0147
19	-3.30	0.0165	0.0741	19	-2.20	0.0007	0.0024	19	-4.40	0.0074	0.0221
20	-3.15	0.0205	0.0946	20	-2.10	0.0006	0.0031	20	-4.20	0.0080	0.0301
21	-3.00	0.0202	0.1148	21	-2.00	0.0007	0.0038	21	-4.00	0.0101	0.0402
22	-2.85	0.0218	0.1366	22	-1.90	0.0009	0.0047	22	-3.80	0.0155	0.0557
23	-2.70	0.0235	0.1602	23	-1.80	0.0010	0.0056	23	-3.60	0.0175	0.0732
24	-2.55	0.0269	0.1870	24	-1.70	0.0016	0.0072	24	-3.40	0.0185	0.0917
25	-2.40	0.0230	0.2100	25	-1.60	0.0017	0.0088	25	-3.20	0.0232	0.1149
26	-2.25	0.0211	0.2311	26	-1.50	0.0024	0.0112	26	-3.00	0.0257	0.1406
27	-2.10	0.0200	0.2511	27	-1.40	0.0027	0.0139	27	-2.80	0.0261	0.1667
28	-1.95	0.0213	0.2724	28	-1.30	0.0045	0.0184	28	-2.60	0.0262	0.1929
29	-1.80	0.0197	0.2921	29	-1.20	0.0076	0.0260	29	-2.40	0.0266	0.2195
30	-1.65	0.0179	0.3100	30	-1.10	0.0091	0.0351	30	-2.20	0.0246	0.2441
31	-1.50	0.0163	0.3262	31	-1.00	0.0130	0.0480	31	-2.00	0.0254	0.2695
32	-1.35	0.0146	0.3408	32	-0.90	0.0210	0.0691	32	-1.80	0.0235	0.2930
33	-1.20	0.0158	0.3566	33	-0.80	0.0282	0.0973	33	-1.60	0.0215	0.3145
34	-1.05	0.0159	0.3725	34	-0.70	0.0343	0.1316	34	-1.40	0.0232	0.3377
35	-0.90	0.0143	0.3868	35	-0.60	0.0455	0.1771	35	-1.20	0.0248	0.3625
36	-0.75	0.0149	0.4017	36	-0.50	0.0528	0.2298	36	-1.00	0.0226	0.3852
37	-0.60	0.0134	0.4151	37	-0.40	0.0586	0.2884	37	-0.80	0.0182	0.4041
38	-0.45	0.0165	0.4316	38	-0.30	0.0696	0.3580	38	-0.60	0.0195	0.4235
39	-0.30	0.0143	0.4460	39	-0.20	0.0721	0.4301	39	-0.40	0.0195	0.4430
40	-0.15	0.0143	0.4603	40	-0.10	0.0758	0.5058	40	-0.20	0.0184	0.4614
41	0.	0.0143	0.4746	41	0.	0.0769	0.5827	41	0.	0.0207	0.4821
42	0.15	0.0141	0.4887	42	0.10	0.0786	0.6613	42	0.20	0.0212	0.5033
43	0.30	0.0145	0.5032	43	0.20	0.0707	0.7320	43	0.40	0.0208	0.5241
44	0.45	0.0136	0.5168	44	0.30	0.0648	0.7968	44	0.60	0.0210	0.5451
45	0.60	0.0152	0.5320	45	0.40	0.0525	0.8492	45	0.80	0.0199	0.5651
46	0.75	0.0164	0.5485	46	0.50	0.0450	0.8943	46	1.00	0.0220	0.5870
47	0.90	0.0154	0.5639	47	0.60	0.0313	0.9256	47	1.20	0.0213	0.6083
48	1.05	0.0143	0.5782	48	0.70	0.0234	0.9490	48	1.40	0.0210	0.6293
49	1.20	0.0140	0.5922	49	0.80	0.0168	0.9677	49	1.60	0.0237	0.6530
50	1.35	0.0158	0.6080	50	0.90	0.0117	0.9794	50	1.80	0.0261	0.6791
51	1.50	0.0170	0.6250	51	1.00	0.0072	0.9865	51	2.00	0.0279	0.7070
52	1.65	0.0184	0.6434	52	1.10	0.0056	0.9921	52	2.20	0.0251	0.7321
53	1.80	0.0170	0.6605	53	1.20	0.0032	0.9954	53	2.40	0.0297	0.7618
54	1.95	0.0185	0.6790	54	1.30	0.0013	0.9936	54	2.60	0.0270	0.7888
55	2.10	0.0195	0.6985	55	1.40	0.0008	0.9974	55	2.80	0.0288	0.8176
56	2.25	0.0225	0.7210	56	1.50	0.0004	0.9978	56	3.00	0.0291	0.8467
57	2.40	0.0231	0.7441	57	1.60	0.0001	0.9979	57	3.20	0.0291	0.8759
58	2.55	0.0253	0.7694	58	1.70	0.0002	0.9981	58	3.40	0.0254	0.9012
59	2.70	0.0240	0.7934	59	1.80	0.0005	0.9987	59	3.60	0.0209	0.9221
60	2.85	0.0275	0.8208	60	1.90	0.0003	0.9990	60	3.80	0.0189	0.9410
61	3.00	0.0233	0.8441	61	2.00	0.0002	0.9991	61	4.00	0.0147	0.9557
62	3.15	0.0241	0.8682	62	2.10	0.0001	0.9993	62	4.20	0.0135	0.9692
63	3.30	0.0220	0.8902	63	2.20	0.0001	0.9993	63	4.40	0.0092	0.9784
64	3.45	0.0170	0.9073	64	2.30	0.0001	0.9994	64	4.60	0.0062	0.9846
65	3.60	0.0164	0.9237	65	2.40	0.	0.9994	65	4.80	0.0056	0.9902
66	3.75	0.0161	0.9398	66	2.50	0.0002	0.9996	66	5.00	0.0047	0.9950
67	3.90	0.0120	0.9518	67	2.60	0.	0.9996	67	5.20	0.0023	0.9972
68	4.05	0.0110	0.9628	68	2.70	0.0001	0.9997	68	5.40	0.0015	0.9987
69	4.20	0.0091	0.9719	69	2.80	0.0002	0.9998	69	5.60	0.0006	0.9994
70	4.35	0.0051	0.9770	70	2.90	0.0001	0.9999	70	5.80	0.0003	0.9997
71	4.50	0.0047	0.9817	71	3.00	0.	0.9999	71	6.00	0.0001	0.9998
72	4.65	0.0039	0.9856	72	3.10	0.0001	1.0000	72	6.20	0.0002	0.9999
73	4.80	0.0042	0.9898	73	3.20	0.	1.0000	73	6.40	0.	0.9999
74	4.95	0.0024	0.9922	74	3.30	0.	1.0000	74	6.60	0.0001	1.0000
75	5.10	0.0030	0.9952	75	3.40	0.	1.0000	75	6.80	0.	1.0000
76	5.25	0.0022	0.9975	76	3.50	0.	1.0000	76	7.00	0.	1.0000
77	5.40	0.0012	0.9987	77	3.60	0.	1.0000	77	7.20	0.	1.0000
78	5.55	0.0010	0.9997	78	3.70	0.	1.0000	78	7.40	0.	1.0000
79	5.70	0.0003	1.0000	79	3.80	0.	1.0000	79	7.60	0.	1.0000
80	5.85	0.	1.0000	80	3.90	0.	1.0000	80	7.80	0.	1.0000
81	6.00	0.	1.0000	81	4.00	0.	1.0000	81	8.00	0.	1.0000

I - INTERVAL NUMBER X - INTERVAL CENTER VALUE

P(X) - PROBABILITY MASS FUNCTION F(X) - CUMULATIVE DISTRIBUTION FUNCTION

FORT PULASKI GA.

STATISTICS FOR DECEMBER

	ASTRONOMICAL TIDE			STORM SURGE			TOTAL WATER LEVEL		
	MEAN-0.09	STND DEV 2.49		MEAN-0.03	STND DEV 0.55		MEAN-0.12	STND DEV 2.55	
I	X	P(X)	F(X)	X	P(X)	F(X)	X	P(X)	F(X)
1	-6.00	0.	0.	-4.00	0.	0.	-8.00	0.	0.
2	-5.85	0.	0.	-3.90	0.	0.	-7.80	0.	0.
3	-5.70	0.	0.	-3.80	0.	0.	-7.60	0.	0.
4	-5.55	0.	0.	-3.70	0.	0.	-7.40	0.	0.
5	-5.40	0.	0.	-3.60	0.	0.	-7.20	0.	0.
6	-5.25	0.	0.	-3.50	0.	0.	-7.00	0.	0.
7	-5.10	0.0004	0.0004	-3.40	0.	0.	-6.80	0.	0.
8	-4.95	0.0008	0.0013	-3.30	0.	0.	-6.60	0.	0.
9	-4.80	0.0022	0.0035	-3.20	0.	0.	-6.40	0.0001	0.0001
10	-4.65	0.0033	0.0067	-3.10	0.	0.	-6.20	0.	0.0001
11	-4.50	0.0033	0.0101	-3.00	0.	0.	-6.00	0.0002	0.0003
12	-4.35	0.0069	0.0169	-2.90	0.	0.	-5.80	0.0003	0.0007
13	-4.20	0.0088	0.0258	-2.80	0.	0.	-5.60	0.0009	0.0016
14	-4.05	0.0084	0.0342	-2.70	0.	0.	-5.40	0.0013	0.0029
15	-3.90	0.0120	0.0462	-2.60	0.0001	0.0001	-5.20	0.0020	0.0049
16	-3.75	0.0134	0.0596	-2.50	0.0001	0.0001	-5.00	0.0041	0.0090
17	-3.60	0.0192	0.0788	-2.40	0.0001	0.0003	-4.80	0.0051	0.0141
18	-3.45	0.0207	0.0995	-2.30	0.0001	0.0003	-4.60	0.0074	0.0214
19	-3.30	0.0229	0.1224	-2.20	0.0003	0.0006	-4.40	0.0093	0.0307
20	-3.15	0.0255	0.1478	-2.10	0.0003	0.0009	-4.20	0.0147	0.0454
21	-3.00	0.0266	0.1745	-2.00	0.0005	0.0014	-4.00	0.0163	0.0617
22	-2.85	0.0240	0.1985	-1.90	0.0008	0.0023	-3.80	0.0171	0.0788
23	-2.70	0.0228	0.2213	-1.80	0.0010	0.0033	-3.60	0.0224	0.1012
24	-2.55	0.0222	0.2435	-1.70	0.0015	0.0047	-3.40	0.0255	0.1268
25	-2.40	0.0204	0.2639	-1.60	0.0026	0.0074	-3.20	0.0256	0.1524
26	-2.25	0.0181	0.2820	-1.50	0.0028	0.0102	-3.00	0.0264	0.1788
27	-2.10	0.0181	0.3001	-1.40	0.0044	0.0146	-2.80	0.0265	0.2053
28	-1.95	0.0166	0.3166	-1.30	0.0055	0.0201	-2.60	0.0287	0.2340
29	-1.80	0.0163	0.3330	-1.20	0.0074	0.0275	-2.40	0.0256	0.2596
30	-1.65	0.0153	0.3483	-1.10	0.0093	0.0368	-2.20	0.0248	0.2844
31	-1.50	0.0154	0.3637	-1.00	0.0127	0.0494	-2.00	0.0241	0.3086
32	-1.35	0.0149	0.3785	-0.90	0.0168	0.0662	-1.80	0.0217	0.3304
33	-1.20	0.0159	0.3944	-0.80	0.0221	0.0883	-1.60	0.0227	0.3531
34	-1.05	0.0144	0.4088	-0.70	0.0311	0.1194	-1.40	0.0214	0.3745
35	-0.90	0.0145	0.4233	-0.60	0.0377	0.1571	-1.20	0.0201	0.3946
36	-0.75	0.0132	0.4365	-0.50	0.0436	0.2007	-1.00	0.0206	0.4152
37	-0.60	0.0147	0.4513	-0.40	0.0555	0.2561	-0.80	0.0201	0.4353
38	-0.45	0.0133	0.4646	-0.30	0.0639	0.3200	-0.60	0.0194	0.4546
39	-0.30	0.0141	0.4787	-0.20	0.0750	0.3950	-0.40	0.0190	0.4737
40	-0.15	0.0154	0.4941	-0.10	0.0715	0.4665	-0.20	0.0216	0.4953
41	0.	0.0149	0.5090	0.	0.0772	0.5437	0.	0.0188	0.5141
42	0.15	0.0142	0.5232	0.10	0.0756	0.6193	0.20	0.0190	0.5331
43	0.30	0.0146	0.5378	0.20	0.0772	0.6965	0.40	0.0214	0.5545
44	0.45	0.0151	0.5529	0.30	0.0674	0.7639	0.60	0.0220	0.5765
45	0.60	0.0154	0.5683	0.40	0.0587	0.8227	0.80	0.0231	0.5996
46	0.75	0.0143	0.5826	0.50	0.0512	0.8738	1.00	0.0214	0.6210
47	0.90	0.0150	0.5975	0.60	0.0362	0.9100	1.20	0.0226	0.6436
48	1.05	0.0163	0.6139	0.70	0.0275	0.9375	1.40	0.0228	0.6664
49	1.20	0.0168	0.6307	0.80	0.0175	0.9551	1.60	0.0237	0.6901
50	1.35	0.0168	0.6476	0.90	0.0127	0.9677	1.80	0.0271	0.7172
51	1.50	0.0161	0.6637	1.00	0.0100	0.9777	2.00	0.0279	0.7451
52	1.65	0.0176	0.6813	1.10	0.0069	0.9847	2.20	0.0319	0.7770
53	1.80	0.0202	0.7015	1.20	0.0058	0.9905	2.40	0.0305	0.8075
54	1.95	0.0216	0.7231	1.30	0.0026	0.9930	2.60	0.0277	0.8352
55	2.10	0.0266	0.7517	1.40	0.0013	0.9943	2.80	0.0284	0.8636
56	2.25	0.0248	0.7765	1.50	0.0018	0.9961	3.00	0.0265	0.8901
57	2.40	0.0248	0.8013	1.60	0.0010	0.9971	3.20	0.0219	0.9120
58	2.55	0.0263	0.8275	1.70	0.0007	0.9978	3.40	0.0213	0.9333
59	2.70	0.0278	0.8553	1.80	0.0008	0.9987	3.60	0.0178	0.9510
60	2.85	0.0221	0.8775	1.90	0.0006	0.9993	3.80	0.0138	0.9648
61	3.00	0.0193	0.8968	2.00	0.0007	1.0000	4.00	0.0103	0.9751
62	3.15	0.0189	0.9157	2.10	0.	1.0000	4.20	0.0084	0.9835
63	3.30	0.0175	0.9332	2.20	0.	1.0000	4.40	0.0054	0.9889
64	3.45	0.0130	0.9462	2.30	0.	1.0000	4.60	0.0040	0.9929
65	3.60	0.0120	0.9582	2.40	0.	1.0000	4.80	0.0033	0.9961
66	3.75	0.0093	0.9675	2.50	0.	1.0000	5.00	0.0021	0.9982
67	3.90	0.0076	0.9752	2.60	0.	1.0000	5.20	0.0010	0.9992
68	4.05	0.0054	0.9805	2.70	0.	1.0000	5.40	0.0002	0.9994
69	4.20	0.0048	0.9854	2.80	0.	1.0000	5.60	0.0006	0.9999
70	4.35	0.0037	0.9890	2.90	0.	1.0000	5.80	0.0001	1.0000
71	4.50	0.0040	0.9930	3.00	0.	1.0000	6.00	0.	1.0000
72	4.65	0.0026	0.9956	3.10	0.	1.0000	6.20	0.	1.0000
73	4.80	0.0020	0.9976	3.20	0.	1.0000	6.40	0.	1.0000
74	4.95	0.0013	0.9989	3.30	0.	1.0000	6.60	0.	1.0000
75	5.10	0.0006	0.9995	3.40	0.	1.0000	6.80	0.	1.0000
76	5.25	0.0004	0.9999	3.50	0.	1.0000	7.00	0.	1.0000
77	5.40	0.0001	1.0000	3.60	0.	1.0000	7.20	0.	1.0000
78	5.55	0.	1.0000	3.70	0.	1.0000	7.40	0.	1.0000
79	5.70	0.	1.0000	3.80	0.	1.0000	7.60	0.	1.0000
80	5.85	0.	1.0000	3.90	0.	1.0000	7.80	0.	1.0000
81	6.00	0.	1.0000	4.00	0.	1.0000	8.00	0.	1.0000

I - INTERVAL NUMBER X - INTERVAL CENTER VALUE

P(X) - PROBABILITY MASS FUNCTION F(X) - CUMULATIVE DISTRIBUTION FUNCTION

MAYPORT FLA.

YEARLY STATISTICS

ASTRONOMICAL TIDE				STORM SURGE				TOTAL WATER LEVEL			
MEAN 0.00		STND DEV 1.67		MEAN-0.01		STND DEV 0.43		MEAN-0.02		STND DEV 1.73	
I	X	P(X)	F(X)	I	X	P(X)	F(X)	I	X	P(X)	F(X)
1	-4.00	0.	0.	1	-4.00	0.	0.	1	-6.00	0.	0.
2	-3.90	0.	0.	2	-3.90	0.	0.	2	-5.80	0.	0.
3	-3.80	0.	0.	3	-3.80	0.	0.	3	-5.60	0.	0.
4	-3.70	0.0000	0.0000	4	-3.70	0.	0.	4	-5.40	0.	0.
5	-3.60	0.0001	0.0001	5	-3.60	0.	0.	5	-5.20	0.0000	0.0000
6	-3.50	0.0003	0.0003	6	-3.50	0.	0.	6	-5.00	0.	0.0000
7	-3.40	0.0007	0.0011	7	-3.40	0.	0.	7	-4.80	0.	0.0000
8	-3.30	0.0012	0.0023	8	-3.30	0.	0.	8	-4.60	0.0000	0.0000
9	-3.20	0.0019	0.0042	9	-3.20	0.	0.	9	-4.40	0.0000	0.0001
10	-3.10	0.0029	0.0071	10	-3.10	0.	0.	10	-4.20	0.0001	0.0002
11	-3.00	0.0039	0.0110	11	-3.00	0.	0.	11	-4.00	0.0004	0.0006
12	-2.90	0.0052	0.0163	12	-2.90	0.	0.	12	-3.80	0.0009	0.0015
13	-2.80	0.0066	0.0229	13	-2.80	0.	0.	13	-3.60	0.0021	0.0035
14	-2.70	0.0085	0.0314	14	-2.70	0.	0.	14	-3.40	0.0044	0.0080
15	-2.60	0.0111	0.0425	15	-2.60	0.	0.	15	-3.20	0.0077	0.0156
16	-2.50	0.0129	0.0554	16	-2.50	0.	0.	16	-3.00	0.0125	0.0282
17	-2.40	0.0158	0.0711	17	-2.40	0.	0.	17	-2.80	0.0191	0.0473
18	-2.30	0.0181	0.0892	18	-2.30	0.	0.	18	-2.60	0.0259	0.0732
19	-2.20	0.0196	0.1088	19	-2.20	0.	0.	19	-2.40	0.0312	0.1045
20	-2.10	0.0205	0.1293	20	-2.10	0.	0.	20	-2.20	0.0350	0.1394
21	-2.00	0.0215	0.1508	21	-2.00	0.0000	0.0000	21	-2.00	0.0375	0.1769
22	-1.90	0.0224	0.1731	22	-1.90	0.0000	0.0000	22	-1.80	0.0389	0.2158
23	-1.80	0.0220	0.1951	23	-1.80	0.0001	0.0001	23	-1.60	0.0377	0.2535
24	-1.70	0.0222	0.2173	24	-1.70	0.0001	0.0002	24	-1.40	0.0368	0.2903
25	-1.60	0.0222	0.2395	25	-1.60	0.0002	0.0004	25	-1.20	0.0359	0.3262
26	-1.50	0.0210	0.2606	26	-1.50	0.0003	0.0007	26	-1.00	0.0337	0.3599
27	-1.40	0.0198	0.2804	27	-1.40	0.0006	0.0013	27	-0.80	0.0336	0.3936
28	-1.30	0.0192	0.2995	28	-1.30	0.0010	0.0023	28	-0.60	0.0307	0.4243
29	-1.20	0.0190	0.3185	29	-1.20	0.0015	0.0038	29	-0.40	0.0307	0.4550
30	-1.10	0.0179	0.3364	30	-1.10	0.0026	0.0064	30	-0.20	0.0299	0.4848
31	-1.00	0.0178	0.3542	31	-1.00	0.0047	0.0110	31	0.	0.0306	0.5154
32	-0.90	0.0170	0.3712	32	-0.90	0.0077	0.0187	32	0.20	0.0309	0.5463
33	-0.80	0.0160	0.3872	33	-0.80	0.0133	0.0320	33	0.40	0.0303	0.5766
34	-0.70	0.0159	0.4031	34	-0.70	0.0237	0.0557	34	0.60	0.0323	0.6090
35	-0.60	0.0158	0.4189	35	-0.60	0.0352	0.0909	35	0.80	0.0350	0.6439
36	-0.50	0.0149	0.4338	36	-0.50	0.0517	0.1426	36	1.00	0.0378	0.6818
37	-0.40	0.0153	0.4491	37	-0.40	0.0689	0.2115	37	1.20	0.0396	0.7214
38	-0.30	0.0153	0.4645	38	-0.30	0.0828	0.2943	38	1.40	0.0406	0.7619
39	-0.20	0.0144	0.4788	39	-0.20	0.0931	0.3874	39	1.60	0.0402	0.8021
40	-0.10	0.0149	0.4938	40	-0.10	0.0986	0.4860	40	1.80	0.0394	0.8415
41	0.	0.0147	0.5084	41	0.	0.0964	0.5824	41	2.00	0.0362	0.8777
42	0.10	0.0147	0.5231	42	0.10	0.0903	0.6727	42	2.20	0.0309	0.9086
43	0.20	0.0150	0.5381	43	0.20	0.0766	0.7492	43	2.40	0.0262	0.9348
44	0.30	0.0149	0.5530	44	0.30	0.0658	0.8151	44	2.60	0.0203	0.9551
45	0.40	0.0151	0.5681	45	0.40	0.0510	0.8661	45	2.80	0.0153	0.9704
46	0.50	0.0154	0.5834	46	0.50	0.0397	0.9058	46	3.00	0.0112	0.9816
47	0.60	0.0157	0.5991	47	0.60	0.0281	0.9338	47	3.20	0.0074	0.9890
48	0.70	0.0166	0.6158	48	0.70	0.0204	0.9543	48	3.40	0.0048	0.9938
49	0.80	0.0160	0.6318	49	0.80	0.0152	0.9695	49	3.60	0.0030	0.9969
50	0.90	0.0169	0.6486	50	0.90	0.0104	0.9799	50	3.80	0.0017	0.9986
51	1.00	0.0177	0.6663	51	1.00	0.0070	0.9869	51	4.00	0.0007	0.9993
52	1.10	0.0189	0.6852	52	1.10	0.0049	0.9918	52	4.20	0.0004	0.9997
53	1.20	0.0201	0.7054	53	1.20	0.0030	0.9948	53	4.40	0.0002	0.9999
54	1.30	0.0204	0.7258	54	1.30	0.0020	0.9968	54	4.60	0.0001	1.0000
55	1.40	0.0208	0.7466	55	1.40	0.0012	0.9980	55	4.80	0.0000	1.0000
56	1.50	0.0215	0.7681	56	1.50	0.0007	0.9988	56	5.00	0.0000	1.0000
57	1.60	0.0222	0.7903	57	1.60	0.0004	0.9992	57	5.20	0.	1.0000
58	1.70	0.0218	0.8121	58	1.70	0.0003	0.9995	58	5.40	0.	1.0000
59	1.80	0.0200	0.8321	59	1.80	0.0003	0.9998	59	5.60	0.	1.0000
60	1.90	0.0196	0.8518	60	1.90	0.0001	0.9999	60	5.80	0.	1.0000
61	2.00	0.0197	0.8715	61	2.00	0.0001	0.9999	61	6.00	0.	1.0000
62	2.10	0.0181	0.8895	62	2.10	0.0000	1.0000				
63	2.20	0.0169	0.9064	63	2.20	0.0000	1.0000				
64	2.30	0.0150	0.9214	64	2.30	0.	1.0000				
65	2.40	0.0138	0.9353	65	2.40	0.	1.0000				
66	2.50	0.0122	0.9474	66	2.50	0.	1.0000				
67	2.60	0.0101	0.9576	67	2.60	0.	1.0000				
68	2.70	0.0091	0.9667	68	2.70	0.	1.0000				
69	2.80	0.0077	0.9744	69	2.80	0.	1.0000				
70	2.90	0.0063	0.9807	70	2.90	0.	1.0000				
71	3.00	0.0051	0.9858	71	3.00	0.	1.0000				
72	3.10	0.0040	0.9899	72	3.10	0.	1.0000				
73	3.20	0.0029	0.9927	73	3.20	0.	1.0000				
74	3.30	0.0025	0.9953	74	3.30	0.	1.0000				
75	3.40	0.0015	0.9967	75	3.40	0.	1.0000				
76	3.50	0.0011	0.9978	76	3.50	0.	1.0000				
77	3.60	0.0008	0.9986	77	3.60	0.	1.0000				
78	3.70	0.0005	0.9991	78	3.70	0.	1.0000				
79	3.80	0.0004	0.9995	79	3.80	0.	1.0000				
80	3.90	0.0003	0.9998	80	3.90	0.	1.0000				
81	4.00	0.0001	0.9999	81	4.00	0.	1.0000				

I - INTERVAL NUMBER X - INTERVAL CENTER VALUE

P(X) - PROBABILITY MASS FUNCTION F(X) - CUMULATIVE DISTRIBUTION FUNCTION

MAYPORT FLA.

STATISTICS FOR JANUARY

ASTRONOMICAL TIDE MEAN-0.27 STND DEV 1.65				STORM SURGE MEAN-0.01 STND DEV 0.42				TOTAL WATER LEVEL MEAN-0.28 STND DEV 1.70			
I	X	P(X)	F(X)	I	X	P(X)	F(X)	I	X	P(X)	F(X)
1	-4.00	0.	0.	1	-4.00	0.	0.	1	-6.00	0.	0.
2	-3.90	0.	0.	2	-3.90	0.	0.	2	-5.80	0.	0.
3	-3.80	0.	0.	3	-3.80	0.	0.	3	-5.60	0.	0.
4	-3.70	0.	0.	4	-3.70	0.	0.	4	-5.40	0.	0.
5	-3.60	0.	0.	5	-3.60	0.	0.	5	-5.20	0.	0.
6	-3.50	0.0007	0.0007	6	-3.50	0.	0.	6	-5.00	0.	0.
7	-3.40	0.0014	0.0021	7	-3.40	0.	0.	7	-4.80	0.	0.
8	-3.30	0.0024	0.0045	8	-3.30	0.	0.	8	-4.60	0.	0.
9	-3.20	0.0033	0.0078	9	-3.20	0.	0.	9	-4.40	0.	0.
10	-3.10	0.0050	0.0128	10	-3.10	0.	0.	10	-4.20	0.0001	0.0001
11	-3.00	0.0069	0.0198	11	-3.00	0.	0.	11	-4.00	0.0007	0.0008
12	-2.90	0.0083	0.0280	12	-2.90	0.	0.	12	-3.80	0.0018	0.0026
13	-2.80	0.0112	0.0392	13	-2.80	0.	0.	13	-3.60	0.0039	0.0065
14	-2.70	0.0121	0.0513	14	-2.70	0.	0.	14	-3.40	0.0075	0.0140
15	-2.60	0.0175	0.0687	15	-2.60	0.	0.	15	-3.20	0.0110	0.0251
16	-2.50	0.0213	0.0900	16	-2.50	0.	0.	16	-3.00	0.0198	0.0448
17	-2.40	0.0237	0.1137	17	-2.40	0.	0.	17	-2.80	0.0262	0.0710
18	-2.30	0.0226	0.1364	18	-2.30	0.	0.	18	-2.60	0.0346	0.1057
19	-2.20	0.0266	0.1630	19	-2.20	0.	0.	19	-2.40	0.0387	0.1443
20	-2.10	0.0249	0.1879	20	-2.10	0.	0.	20	-2.20	0.0416	0.1859
21	-2.00	0.0237	0.2116	21	-2.00	0.	0.	21	-2.00	0.0394	0.2253
22	-1.90	0.0239	0.2355	22	-1.90	0.	0.	22	-1.80	0.0409	0.2662
23	-1.80	0.0247	0.2602	23	-1.80	0.0001	0.0001	23	-1.60	0.0369	0.3031
24	-1.70	0.0194	0.2796	24	-1.70	0.0001	0.0002	24	-1.40	0.0352	0.3383
25	-1.60	0.0211	0.3007	25	-1.60	0.0001	0.0003	25	-1.20	0.0335	0.3718
26	-1.50	0.0184	0.3191	26	-1.50	0.0001	0.0005	26	-1.00	0.0318	0.4036
27	-1.40	0.0159	0.3350	27	-1.40	0.0006	0.0011	27	-0.80	0.0308	0.4335
28	-1.30	0.0170	0.3520	28	-1.30	0.0010	0.0021	28	-0.60	0.0308	0.4643
29	-1.20	0.0165	0.3684	29	-1.20	0.0024	0.0045	29	-0.40	0.0284	0.4927
30	-1.10	0.0173	0.3857	30	-1.10	0.0031	0.0076	30	-0.20	0.0266	0.5192
31	-1.00	0.0149	0.4006	31	-1.00	0.0049	0.0125	31	0.	0.0316	0.5539
32	-0.90	0.0140	0.4147	32	-0.90	0.0080	0.0205	32	0.20	0.0308	0.5847
33	-0.80	0.0156	0.4302	33	-0.80	0.0131	0.0336	33	0.40	0.0316	0.6163
34	-0.70	0.0150	0.4452	34	-0.70	0.0192	0.0528	34	0.60	0.0347	0.6511
35	-0.60	0.0140	0.4593	35	-0.60	0.0327	0.0855	35	0.80	0.0378	0.6888
36	-0.50	0.0156	0.4749	36	-0.50	0.0494	0.1350	36	1.00	0.0394	0.7282
37	-0.40	0.0165	0.4913	37	-0.40	0.0701	0.2050	37	1.20	0.0407	0.7690
38	-0.30	0.0136	0.5050	38	-0.30	0.0830	0.2880	38	1.40	0.0425	0.8115
39	-0.20	0.0146	0.5196	39	-0.20	0.0943	0.3823	39	1.60	0.0421	0.8536
40	-0.10	0.0129	0.5325	40	-0.10	0.0984	0.4807	40	1.80	0.0368	0.8904
41	0.	0.0151	0.5475	41	0.	0.1002	0.5809	41	2.00	0.0339	0.9243
42	0.10	0.0151	0.5626	42	0.10	0.0897	0.6706	42	2.20	0.0274	0.9516
43	0.20	0.0150	0.5776	43	0.20	0.0739	0.7444	43	2.40	0.0204	0.9720
44	0.30	0.0155	0.5931	44	0.30	0.0616	0.8061	44	2.60	0.0126	0.9846
45	0.40	0.0159	0.6090	45	0.40	0.0531	0.8591	45	2.80	0.0079	0.9925
46	0.50	0.0147	0.6237	46	0.50	0.0415	0.9007	46	3.00	0.0053	0.9979
47	0.60	0.0151	0.6388	47	0.60	0.0306	0.9312	47	3.20	0.0014	0.9993
48	0.70	0.0190	0.6578	48	0.70	0.0253	0.9565	48	3.40	0.0006	0.9999
49	0.80	0.0202	0.6780	49	0.80	0.0209	0.9774	49	3.60	0.0001	1.0000
50	0.90	0.0177	0.6956	50	0.90	0.0117	0.9891	50	3.80	0.	1.0000
51	1.00	0.0189	0.7146	51	1.00	0.0063	0.9954	51	4.00	0.	1.0000
52	1.10	0.0194	0.7340	52	1.10	0.0029	0.9983	52	4.20	0.	1.0000
53	1.20	0.0225	0.7565	53	1.20	0.0013	0.9996	53	4.40	0.	1.0000
54	1.30	0.0242	0.7807	54	1.30	0.0004	1.0000	54	4.60	0.	1.0000
55	1.40	0.0230	0.8037	55	1.40	0.	1.0000	55	4.80	0.	1.0000
56	1.50	0.0233	0.8270	56	1.50	0.	1.0000	56	5.00	0.	1.0000
57	1.60	0.0245	0.8515	57	1.60	0.	1.0000	57	5.20	0.	1.0000
58	1.70	0.0205	0.8720	58	1.70	0.	1.0000	58	5.40	0.	1.0000
59	1.80	0.0175	0.8895	59	1.80	0.	1.0000	59	5.60	0.	1.0000
60	1.90	0.0172	0.9067	60	1.90	0.	1.0000	60	5.80	0.	1.0000
61	2.00	0.0159	0.9227	61	2.00	0.	1.0000	61	6.00	0.	1.0000
62	2.10	0.0162	0.9388	62	2.10	0.	1.0000				
63	2.20	0.0153	0.9541	63	2.20	0.	1.0000				
64	2.30	0.0112	0.9653	64	2.30	0.	1.0000				
65	2.40	0.0083	0.9736	65	2.40	0.	1.0000				
66	2.50	0.0071	0.9807	66	2.50	0.	1.0000				
67	2.60	0.0054	0.9861	67	2.60	0.	1.0000				
68	2.70	0.0039	0.9900	68	2.70	0.	1.0000				
69	2.80	0.0031	0.9931	69	2.80	0.	1.0000				
70	2.90	0.0026	0.9957	70	2.90	0.	1.0000				
71	3.00	0.0021	0.9978	71	3.00	0.	1.0000				
72	3.10	0.0013	0.9991	72	3.10	0.	1.0000				
73	3.20	0.0005	0.9997	73	3.20	0.	1.0000				
74	3.30	0.0002	0.9999	74	3.30	0.	1.0000				
75	3.40	0.0001	1.0000	75	3.40	0.	1.0000				
76	3.50	0.	1.0000	76	3.50	0.	1.0000				
77	3.60	0.	1.0000	77	3.60	0.	1.0000				
78	3.70	0.	1.0000	78	3.70	0.	1.0000				
79	3.80	0.	1.0000	79	3.80	0.	1.0000				
80	3.90	0.	1.0000	80	3.90	0.	1.0000				
81	4.00	0.	1.0000	81	4.00	0.	1.0000				

I - INTERVAL NUMBER X - INTERVAL CENTER VALUE

P(X) - PROBABILITY MASS FUNCTION F(X) - CUMULATIVE DISTRIBUTION FUNCTION

MAYPORT FLA.

STATISTICS FOR FEBRUARY

ASTRONOMICAL TIDE				STORM SURGE				TOTAL WATER LEVEL			
MEAN-0.33		STND DEV 1.65		MEAN-0.03		STND DEV 0.44		MEAN-0.36		STND DEV 1.71	
I	X	P(X)	F(X)	I	X	P(X)	F(X)	I	X	P(X)	F(X)
1	-4.00	0.	0.	1	-4.00	0.	0.	1	-6.00	0.	0.
2	-3.90	0.	0.	2	-3.90	0.	0.	2	-5.80	0.	0.
3	-3.80	0.	0.	3	-3.80	0.	0.	3	-5.60	0.	0.
4	-3.70	0.0001	0.0001	4	-3.70	0.	0.	4	-5.40	0.	0.
5	-3.60	0.0005	0.0006	5	-3.60	0.	0.	5	-5.20	0.0001	0.0001
6	-3.50	0.0016	0.0022	6	-3.50	0.	0.	6	-5.00	0.	0.0001
7	-3.40	0.0028	0.0050	7	-3.40	0.	0.	7	-4.80	0.	0.0001
8	-3.30	0.0049	0.0100	8	-3.30	0.	0.	8	-4.60	0.0001	0.0003
9	-3.20	0.0048	0.0147	9	-3.20	0.	0.	9	-4.40	0.0002	0.0005
10	-3.10	0.0072	0.0219	10	-3.10	0.	0.	10	-4.20	0.0010	0.0015
11	-3.00	0.0074	0.0293	11	-3.00	0.	0.	11	-4.00	0.0021	0.0035
12	-2.90	0.0097	0.0391	12	-2.90	0.	0.	12	-3.80	0.0036	0.0072
13	-2.80	0.0134	0.0524	13	-2.80	0.	0.	13	-3.60	0.0068	0.0140
14	-2.70	0.0155	0.0679	14	-2.70	0.	0.	14	-3.40	0.0095	0.0235
15	-2.60	0.0187	0.0866	15	-2.60	0.	0.	15	-3.20	0.0152	0.0386
16	-2.50	0.0204	0.1070	16	-2.50	0.	0.	16	-3.00	0.0206	0.0592
17	-2.40	0.0231	0.1301	17	-2.40	0.	0.	17	-2.80	0.0276	0.0868
18	-2.30	0.0249	0.1550	18	-2.30	0.	0.	18	-2.60	0.0323	0.1191
19	-2.20	0.0223	0.1773	19	-2.20	0.	0.	19	-2.40	0.0391	0.1582
20	-2.10	0.0245	0.2018	20	-2.10	0.	0.	20	-2.20	0.0393	0.1975
21	-2.00	0.0237	0.2255	21	-2.00	0.	0.	21	-2.00	0.0419	0.2394
22	-1.90	0.0234	0.2489	22	-1.90	0.0001	0.0001	22	-1.80	0.0395	0.2789
23	-1.80	0.0218	0.2707	23	-1.80	0.0001	0.0002	23	-1.60	0.0369	0.3159
24	-1.70	0.0192	0.2899	24	-1.70	0.0001	0.0004	24	-1.40	0.0368	0.3527
25	-1.60	0.0206	0.3105	25	-1.60	0.0003	0.0007	25	-1.20	0.0310	0.3837
26	-1.50	0.0205	0.3310	26	-1.50	0.0002	0.0009	26	-1.00	0.0301	0.4138
27	-1.40	0.0155	0.3465	27	-1.40	0.0006	0.0015	27	-0.80	0.0333	0.4471
28	-1.30	0.0156	0.3621	28	-1.30	0.0010	0.0024	28	-0.60	0.0266	0.4737
29	-1.20	0.0159	0.3780	29	-1.20	0.0013	0.0038	29	-0.40	0.0318	0.5055
30	-1.10	0.0153	0.3933	30	-1.10	0.0048	0.0086	30	-0.20	0.0296	0.5351
31	-1.00	0.0147	0.4080	31	-1.00	0.0086	0.0172	31	0.	0.0308	0.5659
32	-0.90	0.0159	0.4240	32	-0.90	0.0114	0.0286	32	0.20	0.0320	0.5978
33	-0.80	0.0163	0.4403	33	-0.80	0.0182	0.0468	33	0.40	0.0317	0.6295
34	-0.70	0.0155	0.4557	34	-0.70	0.0263	0.0730	34	0.60	0.0340	0.6636
35	-0.60	0.0151	0.4709	35	-0.60	0.0345	0.1075	35	0.80	0.0396	0.7031
36	-0.50	0.0126	0.4835	36	-0.50	0.0487	0.1562	36	1.00	0.0411	0.7443
37	-0.40	0.0137	0.4972	37	-0.40	0.0659	0.2221	37	1.20	0.0442	0.7885
38	-0.30	0.0159	0.5131	38	-0.30	0.0770	0.2991	38	1.40	0.0422	0.8307
39	-0.20	0.0136	0.5268	39	-0.20	0.0964	0.3956	39	1.60	0.0392	0.8698
40	-0.10	0.0155	0.5423	40	-0.10	0.0993	0.4949	40	1.80	0.0340	0.9039
41	0.	0.0150	0.5572	41	0.	0.0907	0.5856	41	2.00	0.0287	0.9326
42	0.10	0.0161	0.5733	42	0.10	0.0827	0.6684	42	2.20	0.0232	0.9557
43	0.20	0.0153	0.5886	43	0.20	0.0737	0.7421	43	2.40	0.0181	0.9739
44	0.30	0.0137	0.6023	44	0.30	0.0697	0.8118	44	2.60	0.0118	0.9856
45	0.40	0.0150	0.6173	45	0.40	0.0543	0.8661	45	2.80	0.0066	0.9922
46	0.50	0.0178	0.6350	46	0.50	0.0414	0.9076	46	3.00	0.0042	0.9964
47	0.60	0.0164	0.6515	47	0.60	0.0299	0.9375	47	3.20	0.0019	0.9983
48	0.70	0.0186	0.6701	48	0.70	0.0212	0.9587	48	3.40	0.0009	0.9992
49	0.80	0.0189	0.6889	49	0.80	0.0158	0.9745	49	3.60	0.0005	0.9997
50	0.90	0.0198	0.7087	50	0.90	0.0098	0.9843	50	3.80	0.0002	0.9999
51	1.00	0.0200	0.7287	51	1.00	0.0059	0.9902	51	4.00	0.0001	1.0000
52	1.10	0.0205	0.7492	52	1.10	0.0043	0.9945	52	4.20	0.	1.0000
53	1.20	0.0220	0.7712	53	1.20	0.0022	0.9967	53	4.40	0.	1.0000
54	1.30	0.0212	0.7923	54	1.30	0.0016	0.9984	54	4.60	0.	1.0000
55	1.40	0.0217	0.8140	55	1.40	0.0006	0.9990	55	4.80	0.	1.0000
56	1.50	0.0220	0.8360	56	1.50	0.0007	0.9996	56	5.00	0.	1.0000
57	1.60	0.0229	0.8589	57	1.60	0.0004	1.0000	57	5.20	0.	1.0000
58	1.70	0.0203	0.8791	58	1.70	0.	1.0000	58	5.40	0.	1.0000
59	1.80	0.0189	0.8981	59	1.80	0.	1.0000	59	5.60	0.	1.0000
60	1.90	0.0163	0.9144	60	1.90	0.	1.0000	60	5.80	0.	1.0000
61	2.00	0.0175	0.9319	61	2.00	0.	1.0000	61	6.00	0.	1.0000
62	2.10	0.0145	0.9465	62	2.10	0.	1.0000				
63	2.20	0.0134	0.9598	63	2.20	0.	1.0000				
64	2.30	0.0101	0.9699	64	2.30	0.	1.0000				
65	2.40	0.0079	0.9778	65	2.40	0.	1.0000				
66	2.50	0.0063	0.9841	66	2.50	0.	1.0000				
67	2.60	0.0054	0.9895	67	2.60	0.	1.0000				
68	2.70	0.0050	0.9945	68	2.70	0.	1.0000				
69	2.80	0.0021	0.9966	69	2.80	0.	1.0000				
70	2.90	0.0019	0.9985	70	2.90	0.	1.0000				
71	3.00	0.0013	0.9998	71	3.00	0.	1.0000				
72	3.10	0.0002	1.0000	72	3.10	0.	1.0000				
73	3.20	0.	1.0000	73	3.20	0.	1.0000				
74	3.30	0.	1.0000	74	3.30	0.	1.0000				
75	3.40	0.	1.0000	75	3.40	0.	1.0000				
76	3.50	0.	1.0000	76	3.50	0.	1.0000				
77	3.60	0.	1.0000	77	3.60	0.	1.0000				
78	3.70	0.	1.0000	78	3.70	0.	1.0000				
79	3.80	0.	1.0000	79	3.80	0.	1.0000				
80	3.90	0.	1.0000	80	3.90	0.	1.0000				
81	4.00	0.	1.0000	81	4.00	0.	1.0000				

I - INTERVAL NUMBER X - INTERVAL CENTER VALUE

P(X) - PROBABILITY MASS FUNCTION F(X) - CUMULATIVE DISTRIBUTION FUNCTION

MAYPORT FLA.

STATISTICS FOR MARCH

ASTRONOMICAL TIDE MEAN-0.22 STND DEV 1.65				STORM SURGE MEAN-0.09 STND DEV 0.41				TOTAL WATER LEVEL MEAN-0.31 STND DEV 1.70			
I	X	P(X)	F(X)	I	X	P(X)	F(X)	I	X	P(X)	F(X)
1	-4.00	0.	0.	1	-4.00	0.	0.	1	-6.00	0.	0.
2	-3.90	0.	0.	2	-3.90	0.	0.	2	-5.80	0.	0.
3	-3.80	0.	0.	3	-3.80	0.	0.	3	-5.60	0.	0.
4	-3.70	0.	0.	4	-3.70	0.	0.	4	-5.40	0.	0.
5	-3.60	0.0001	0.0001	5	-3.60	0.	0.	5	-5.20	0.	0.
6	-3.50	0.0007	0.0008	6	-3.50	0.	0.	6	-5.00	0.	0.
7	-3.40	0.0026	0.0035	7	-3.40	0.	0.	7	-4.80	0.	0.
8	-3.30	0.0028	0.0063	8	-3.30	0.	0.	8	-4.60	0.0001	0.0001
9	-3.20	0.0042	0.0105	9	-3.20	0.	0.	9	-4.40	0.0001	0.0001
10	-3.10	0.0044	0.0149	10	-3.10	0.	0.	10	-4.20	0.0001	0.0003
11	-3.00	0.0061	0.0209	11	-3.00	0.	0.	11	-4.00	0.0009	0.0012
12	-2.90	0.0090	0.0299	12	-2.90	0.	0.	12	-3.80	0.0021	0.0033
13	-2.80	0.0085	0.0384	13	-2.80	0.	0.	13	-3.60	0.0052	0.0085
14	-2.70	0.0110	0.0494	14	-2.70	0.	0.	14	-3.40	0.0102	0.0187
15	-2.60	0.0144	0.0638	15	-2.60	0.	0.	15	-3.20	0.0139	0.0326
16	-2.50	0.0195	0.0833	16	-2.50	0.	0.	16	-3.00	0.0175	0.0501
17	-2.40	0.0195	0.1028	17	-2.40	0.	0.	17	-2.80	0.0271	0.0772
18	-2.30	0.0236	0.1263	18	-2.30	0.	0.	18	-2.60	0.0341	0.1114
19	-2.20	0.0243	0.1506	19	-2.20	0.	0.	19	-2.40	0.0366	0.1479
20	-2.10	0.0223	0.1730	20	-2.10	0.	0.	20	-2.20	0.0410	0.1890
21	-2.00	0.0238	0.1967	21	-2.00	0.	0.	21	-2.00	0.0391	0.2281
22	-1.90	0.0248	0.2215	22	-1.90	0.	0.	22	-1.80	0.0412	0.2693
23	-1.80	0.0235	0.2450	23	-1.80	0.0003	0.0003	23	-1.60	0.0363	0.3056
24	-1.70	0.0251	0.2701	24	-1.70	0.0004	0.0007	24	-1.40	0.0359	0.3414
25	-1.60	0.0189	0.2890	25	-1.60	0.0005	0.0012	25	-1.20	0.0332	0.3746
26	-1.50	0.0192	0.3082	26	-1.50	0.0005	0.0017	26	-1.00	0.0330	0.4076
27	-1.40	0.0160	0.3242	27	-1.40	0.0011	0.0028	27	-0.80	0.0339	0.4415
28	-1.30	0.0190	0.3432	28	-1.30	0.0015	0.0043	28	-0.60	0.0281	0.4696
29	-1.20	0.0180	0.3612	29	-1.20	0.0027	0.0070	29	-0.40	0.0261	0.4957
30	-1.10	0.0162	0.3774	30	-1.10	0.0033	0.0102	30	-0.20	0.0280	0.5237
31	-1.00	0.0160	0.3934	31	-1.00	0.0039	0.0141	31	0.	0.0339	0.5576
32	-0.90	0.0144	0.4078	32	-0.90	0.0097	0.0238	32	0.20	0.0339	0.5915
33	-0.80	0.0139	0.4217	33	-0.80	0.0150	0.0388	33	0.40	0.0285	0.6200
34	-0.70	0.0140	0.4357	34	-0.70	0.0266	0.0654	34	0.60	0.0348	0.6547
35	-0.60	0.0164	0.4521	35	-0.60	0.0474	0.1128	35	0.80	0.0368	0.6915
36	-0.50	0.0161	0.4682	36	-0.50	0.0630	0.1758	36	1.00	0.0423	0.7338
37	-0.40	0.0162	0.4844	37	-0.40	0.0804	0.2563	37	1.20	0.0438	0.7776
38	-0.30	0.0129	0.4973	38	-0.30	0.0923	0.3485	38	1.40	0.0410	0.8186
39	-0.20	0.0136	0.5109	39	-0.20	0.1016	0.4502	39	1.60	0.0396	0.8582
40	-0.10	0.0148	0.5257	40	-0.10	0.1059	0.5561	40	1.80	0.0376	0.8959
41	0.	0.0139	0.5396	41	0.	0.0981	0.6542	41	2.00	0.0348	0.9307
42	0.10	0.0156	0.5552	42	0.10	0.0850	0.7392	42	2.20	0.0247	0.9553
43	0.20	0.0154	0.5706	43	0.20	0.0696	0.8088	43	2.40	0.0175	0.9728
44	0.30	0.0153	0.5859	44	0.30	0.0610	0.8698	44	2.60	0.0117	0.9845
45	0.40	0.0164	0.6023	45	0.40	0.0425	0.9123	45	2.80	0.0082	0.9928
46	0.50	0.0146	0.6169	46	0.50	0.0294	0.9417	46	3.00	0.0044	0.9972
47	0.60	0.0173	0.6342	47	0.60	0.0187	0.9604	47	3.20	0.0026	0.9998
48	0.70	0.0163	0.6505	48	0.70	0.0133	0.9737	48	3.40	0.0001	0.9999
49	0.80	0.0161	0.6666	49	0.80	0.0092	0.9829	49	3.60	0.0001	1.0000
50	0.90	0.0180	0.6846	50	0.90	0.0047	0.9876	50	3.80	0.	1.0000
51	1.00	0.0211	0.7058	51	1.00	0.0035	0.9911	51	4.00	0.	1.0000
52	1.10	0.0207	0.7264	52	1.10	0.0030	0.9941	52	4.20	0.	1.0000
53	1.20	0.0231	0.7495	53	1.20	0.0022	0.9963	53	4.40	0.	1.0000
54	1.30	0.0192	0.7687	54	1.30	0.0019	0.9981	54	4.60	0.	1.0000
55	1.40	0.0197	0.7884	55	1.40	0.0007	0.9989	55	4.80	0.	1.0000
56	1.50	0.0228	0.8112	56	1.50	0.0003	0.9992	56	5.00	0.	1.0000
57	1.60	0.0216	0.8328	57	1.60	0.0003	0.9996	57	5.20	0.	1.0000
58	1.70	0.0214	0.8541	58	1.70	0.0002	0.9998	58	5.40	0.	1.0000
59	1.80	0.0197	0.8739	59	1.80	0.0001	0.9999	59	5.60	0.	1.0000
60	1.90	0.0210	0.8949	60	1.90	0.0001	1.0000	60	5.80	0.	1.0000
61	2.00	0.0199	0.9148	61	2.00	0.	1.0000	61	6.00	0.	1.0000
62	2.10	0.0189	0.9336	62	2.10	0.	1.0000				
63	2.20	0.0159	0.9495	63	2.20	0.	1.0000				
64	2.30	0.0120	0.9615	64	2.30	0.	1.0000				
65	2.40	0.0096	0.9711	65	2.40	0.	1.0000				
66	2.50	0.0076	0.9787	66	2.50	0.	1.0000				
67	2.60	0.0055	0.9842	67	2.60	0.	1.0000				
68	2.70	0.0049	0.9891	68	2.70	0.	1.0000				
69	2.80	0.0040	0.9931	69	2.80	0.	1.0000				
70	2.90	0.0033	0.9964	70	2.90	0.	1.0000				
71	3.00	0.0021	0.9984	71	3.00	0.	1.0000				
72	3.10	0.0011	0.9995	72	3.10	0.	1.0000				
73	3.20	0.0003	0.9999	73	3.20	0.	1.0000				
74	3.30	0.0001	1.0000	74	3.30	0.	1.0000				
75	3.40	0.	1.0000	75	3.40	0.	1.0000				
76	3.50	0.	1.0000	76	3.50	0.	1.0000				
77	3.60	0.	1.0000	77	3.60	0.	1.0000				
78	3.70	0.	1.0000	78	3.70	0.	1.0000				
79	3.80	0.	1.0000	79	3.80	0.	1.0000				
80	3.90	0.	1.0000	80	3.90	0.	1.0000				
81	4.00	0.	1.0000	81	4.00	0.	1.0000				

I - INTERVAL NUMBER X - INTERVAL CENTER VALUE

P(X) - PROBABILITY MASS FUNCTION F(X) - CUMULATIVE DISTRIBUTION FUNCTION

MAYPORT FLA.

STATISTICS FOR APRIL

ASTRONOMICAL TIDE				STORM SURGE				TOTAL WATER LEVEL			
MEAN-0.11		STND DEV 1.65		MEAN-0.09		STND DEV 0.38		MEAN-0.20		STND DEV 1.70	
I	X	P(X)	F(X)	I	X	P(X)	F(X)	I	X	P(X)	F(X)
1	-4.00	0.	0.	1	-4.00	0.	0.	1	-6.00	0.	0.
2	-3.90	0.	0.	2	-3.90	0.	0.	2	-5.80	0.	0.
3	-3.80	0.	0.	3	-3.80	0.	0.	3	-5.60	0.	0.
4	-3.70	0.	0.	4	-3.70	0.	0.	4	-5.40	0.	0.
5	-3.60	0.	0.	5	-3.60	0.	0.	5	-5.20	0.	0.
6	-3.50	0.0001	0.0001	6	-3.50	0.	0.	6	-5.00	0.	0.
7	-3.40	0.0010	0.0010	7	-3.40	0.	0.	7	-4.80	0.	0.
8	-3.30	0.0014	0.0024	8	-3.30	0.	0.	8	-4.60	0.	0.
9	-3.20	0.0035	0.0059	9	-3.20	0.	0.	9	-4.40	0.	0.
10	-3.10	0.0039	0.0098	10	-3.10	0.	0.	10	-4.20	0.	0.
11	-3.00	0.0057	0.0155	11	-3.00	0.	0.	11	-4.00	0.0001	0.0001
12	-2.90	0.0065	0.0220	12	-2.90	0.	0.	12	-3.80	0.0008	0.0010
13	-2.80	0.0072	0.0292	13	-2.80	0.	0.	13	-3.60	0.0021	0.0031
14	-2.70	0.0081	0.0374	14	-2.70	0.	0.	14	-3.40	0.0046	0.0079
15	-2.60	0.0113	0.0487	15	-2.60	0.	0.	15	-3.20	0.0113	0.0192
16	-2.50	0.0140	0.0626	16	-2.50	0.	0.	16	-3.00	0.0168	0.0360
17	-2.40	0.0173	0.0799	17	-2.40	0.	0.	17	-2.80	0.0230	0.0591
18	-2.30	0.0219	0.1019	18	-2.30	0.	0.	18	-2.60	0.0289	0.0880
19	-2.20	0.0214	0.1233	19	-2.20	0.	0.	19	-2.40	0.0375	0.1255
20	-2.10	0.0235	0.1467	20	-2.10	0.	0.	20	-2.20	0.0419	0.1674
21	-2.00	0.0256	0.1724	21	-2.00	0.	0.	21	-2.00	0.0418	0.2092
22	-1.90	0.0242	0.1966	22	-1.90	0.	0.	22	-1.80	0.0424	0.2516
23	-1.80	0.0224	0.2190	23	-1.80	0.	0.	23	-1.60	0.0376	0.2892
24	-1.70	0.0241	0.2431	24	-1.70	0.	0.	24	-1.40	0.0366	0.3258
25	-1.60	0.0226	0.2658	25	-1.60	0.	0.	25	-1.20	0.0345	0.3602
26	-1.50	0.0231	0.2889	26	-1.50	0.	0.	26	-1.00	0.0342	0.3945
27	-1.40	0.0184	0.3073	27	-1.40	0.0001	0.0001	27	-0.80	0.0320	0.4265
28	-1.30	0.0179	0.3252	28	-1.30	0.0002	0.0003	28	-0.60	0.0291	0.4556
29	-1.20	0.0167	0.3419	29	-1.20	0.0010	0.0013	29	-0.40	0.0288	0.4843
30	-1.10	0.0158	0.3576	30	-1.10	0.0015	0.0028	30	-0.20	0.0296	0.5140
31	-1.00	0.0161	0.3738	31	-1.00	0.0045	0.0073	31	0.	0.0307	0.5447
32	-0.90	0.0177	0.3915	32	-0.90	0.0076	0.0150	32	0.20	0.0298	0.5745
33	-0.80	0.0155	0.4069	33	-0.80	0.0157	0.0307	33	0.40	0.0305	0.6050
34	-0.70	0.0161	0.4231	34	-0.70	0.0315	0.0622	34	0.60	0.0344	0.6393
35	-0.60	0.0133	0.4363	35	-0.60	0.0456	0.1078	35	0.80	0.0372	0.6765
36	-0.50	0.0147	0.4510	36	-0.50	0.0656	0.1734	36	1.00	0.0399	0.7164
37	-0.40	0.0135	0.4644	37	-0.40	0.0873	0.2607	37	1.20	0.0406	0.7570
38	-0.30	0.0154	0.4798	38	-0.30	0.0987	0.3594	38	1.40	0.0426	0.7997
39	-0.20	0.0158	0.4956	39	-0.20	0.0995	0.4590	39	1.60	0.0401	0.8397
40	-0.10	0.0140	0.5095	40	-0.10	0.0970	0.5559	40	1.80	0.0376	0.8773
41	0.	0.0158	0.5253	41	0.	0.0961	0.6521	41	2.00	0.0351	0.9123
42	0.10	0.0136	0.5389	42	0.10	0.0957	0.7478	42	2.20	0.0264	0.9387
43	0.20	0.0156	0.5544	43	0.20	0.0718	0.8196	43	2.40	0.0209	0.9597
44	0.30	0.0148	0.5692	44	0.30	0.0593	0.8788	44	2.60	0.0154	0.9750
45	0.40	0.0146	0.5838	45	0.40	0.0415	0.9203	45	2.80	0.0109	0.9860
46	0.50	0.0165	0.6003	46	0.50	0.0280	0.9483	46	3.00	0.0067	0.9926
47	0.60	0.0160	0.6164	47	0.60	0.0200	0.9683	47	3.20	0.0041	0.9967
48	0.70	0.0156	0.6319	48	0.70	0.0118	0.9800	48	3.40	0.0020	0.9988
49	0.80	0.0163	0.6502	49	0.80	0.0073	0.9873	49	3.60	0.0009	0.9997
50	0.90	0.0156	0.6658	50	0.90	0.0051	0.9924	50	3.80	0.0001	0.9998
51	1.00	0.0180	0.6838	51	1.00	0.0038	0.9962	51	4.00	0.0002	1.0000
52	1.10	0.0188	0.7026	52	1.10	0.0025	0.9987	52	4.20	0.	1.0000
53	1.20	0.0222	0.7247	53	1.20	0.0011	0.9998	53	4.40	0.	1.0000
54	1.30	0.0222	0.7469	54	1.30	0.0001	0.9999	54	4.60	0.	1.0000
55	1.40	0.0202	0.7671	55	1.40	0.	0.9999	55	4.80	0.	1.0000
56	1.50	0.0219	0.7890	56	1.50	0.0001	1.0000	56	5.00	0.	1.0000
57	1.60	0.0224	0.8115	57	1.60	0.	1.0000	57	5.20	0.	1.0000
58	1.70	0.0230	0.8344	58	1.70	0.	1.0000	58	5.40	0.	1.0000
59	1.80	0.0223	0.8567	59	1.80	0.	1.0000	59	5.60	0.	1.0000
60	1.90	0.0203	0.8771	60	1.90	0.	1.0000	60	5.80	0.	1.0000
61	2.00	0.0201	0.8972	61	2.00	0.	1.0000	61	6.00	0.	1.0000
62	2.10	0.0165	0.9136	62	2.10	0.	1.0000				
63	2.20	0.0171	0.9307	63	2.20	0.	1.0000				
64	2.30	0.0147	0.9453	64	2.30	0.	1.0000				
65	2.40	0.0126	0.9580	65	2.40	0.	1.0000				
66	2.50	0.0106	0.9685	66	2.50	0.	1.0000				
67	2.60	0.0078	0.9763	67	2.60	0.	1.0000				
68	2.70	0.0056	0.9819	68	2.70	0.	1.0000				
69	2.80	0.0049	0.9868	69	2.80	0.	1.0000				
70	2.90	0.0033	0.9901	70	2.90	0.	1.0000				
71	3.00	0.0030	0.9931	71	3.00	0.	1.0000				
72	3.10	0.0028	0.9960	72	3.10	0.	1.0000				
73	3.20	0.0013	0.9972	73	3.20	0.	1.0000				
74	3.30	0.0018	0.9990	74	3.30	0.	1.0000				
75	3.40	0.0009	0.9999	75	3.40	0.	1.0000				
76	3.50	0.0001	1.0000	76	3.50	0.	1.0000				
77	3.60	0.	1.0000	77	3.60	0.	1.0000				
78	3.70	0.	1.0000	78	3.70	0.	1.0000				
79	3.80	0.	1.0000	79	3.80	0.	1.0000				
80	3.90	0.	1.0000	80	3.90	0.	1.0000				
81	4.00	0.	1.0000	81	4.00	0.	1.0000				

I - INTERVAL NUMBER X - INTERVAL CENTER VALUE

P(X) - PROBABILITY MASS FUNCTION F(X) - CUMULATIVE DISTRIBUTION FUNCTION

MAYPORT FLA.

STATISTICS FOR MAY

ASTRONOMICAL TIDE MEAN-0.13 STND DEV 1.65				STORM SURGE MEAN 0.02 STND DEV 0.37				TOTAL WATER LEVEL MEAN-0.11 STND DEV 1.69			
I	X	P(X)	F(X)	I	X	P(X)	F(X)	I	X	P(X)	F(X)
1	-4.00	0.	0.	1	-4.00	0.	0.	1	-6.00	0.	0.
2	-3.90	0.	0.	2	-3.90	0.	0.	2	-5.80	0.	0.
3	-3.80	0.	0.	3	-3.80	0.	0.	3	-5.60	0.	0.
4	-3.70	0.	0.	4	-3.70	0.	0.	4	-5.40	0.	0.
5	-3.60	0.	0.	5	-3.60	0.	0.	5	-5.20	0.	0.
6	-3.50	0.0001	0.0001	6	-3.50	0.	0.	6	-5.00	0.	0.
7	-3.40	0.0005	0.0006	7	-3.40	0.	0.	7	-4.80	0.	0.
8	-3.30	0.0017	0.0023	8	-3.30	0.	0.	8	-4.60	0.	0.
9	-3.20	0.0023	0.0047	9	-3.20	0.	0.	9	-4.40	0.	0.
10	-3.10	0.0043	0.0090	10	-3.10	0.	0.	10	-4.20	0.	0.
11	-3.00	0.0047	0.0137	11	-3.00	0.	0.	11	-4.00	0.	0.
12	-2.90	0.0071	0.0208	12	-2.90	0.	0.	12	-3.80	0.0001	0.0001
13	-2.80	0.0066	0.0274	13	-2.80	0.	0.	13	-3.60	0.0009	0.0010
14	-2.70	0.0087	0.0362	14	-2.70	0.	0.	14	-3.40	0.0034	0.0045
15	-2.60	0.0125	0.0487	15	-2.60	0.	0.	15	-3.20	0.0071	0.0116
16	-2.50	0.0142	0.0628	16	-2.50	0.	0.	16	-3.00	0.0135	0.0250
17	-2.40	0.0190	0.0818	17	-2.40	0.	0.	17	-2.80	0.0194	0.0445
18	-2.30	0.0237	0.1055	18	-2.30	0.	0.	18	-2.60	0.0285	0.0729
19	-2.20	0.0242	0.1297	19	-2.20	0.	0.	19	-2.40	0.0354	0.1084
20	-2.10	0.0243	0.1540	20	-2.10	0.	0.	20	-2.20	0.0373	0.1457
21	-2.00	0.0235	0.1775	21	-2.00	0.	0.	21	-2.00	0.0400	0.1857
22	-1.90	0.0251	0.2026	22	-1.90	0.	0.	22	-1.80	0.0445	0.2302
23	-1.80	0.0251	0.2277	23	-1.80	0.	0.	23	-1.60	0.0423	0.2724
24	-1.70	0.0235	0.2512	24	-1.70	0.	0.	24	-1.40	0.0391	0.3115
25	-1.60	0.0227	0.2739	25	-1.60	0.	0.	25	-1.20	0.0345	0.3460
26	-1.50	0.0188	0.2927	26	-1.50	0.	0.	26	-1.00	0.0340	0.3800
27	-1.40	0.0192	0.3120	27	-1.40	0.	0.	27	-0.80	0.0298	0.4098
28	-1.30	0.0181	0.3301	28	-1.30	0.0001	0.0001	28	-0.60	0.0316	0.4414
29	-1.20	0.0145	0.3446	29	-1.20	0.0002	0.0003	29	-0.40	0.0309	0.4723
30	-1.10	0.0188	0.3634	30	-1.10	0.0003	0.0007	30	-0.20	0.0296	0.5019
31	-1.00	0.0160	0.3794	31	-1.00	0.0014	0.0021	31	0.	0.0289	0.5308
32	-0.90	0.0149	0.3943	32	-0.90	0.0032	0.0052	32	0.20	0.0306	0.5614
33	-0.80	0.0161	0.4104	33	-0.80	0.0078	0.0130	33	0.40	0.0294	0.5908
34	-0.70	0.0145	0.4249	34	-0.70	0.0170	0.0300	34	0.60	0.0316	0.6224
35	-0.60	0.0143	0.4392	35	-0.60	0.0249	0.0549	35	0.80	0.0349	0.6573
36	-0.50	0.0150	0.4542	36	-0.50	0.0413	0.0963	36	1.00	0.0381	0.6954
37	-0.40	0.0151	0.4692	37	-0.40	0.0538	0.1500	37	1.20	0.0420	0.7374
38	-0.30	0.0161	0.4854	38	-0.30	0.0732	0.2232	38	1.40	0.0436	0.7810
39	-0.20	0.0145	0.4998	39	-0.20	0.0954	0.3186	39	1.60	0.0432	0.8242
40	-0.10	0.0143	0.5141	40	-0.10	0.1102	0.4288	40	1.80	0.0402	0.8644
41	0.	0.0145	0.5286	41	0.	0.1095	0.5383	41	2.00	0.0347	0.8991
42	0.10	0.0146	0.5432	42	0.10	0.1147	0.6530	42	2.20	0.0318	0.9309
43	0.20	0.0153	0.5585	43	0.20	0.0963	0.7494	43	2.40	0.0213	0.9522
44	0.30	0.0137	0.5722	44	0.30	0.0785	0.8279	44	2.60	0.0178	0.9700
45	0.40	0.0156	0.5878	45	0.40	0.0554	0.8833	45	2.80	0.0109	0.9808
46	0.50	0.0155	0.6032	46	0.50	0.0427	0.9260	46	3.00	0.0094	0.9902
47	0.60	0.0159	0.6191	47	0.60	0.0255	0.9515	47	3.20	0.0049	0.9951
48	0.70	0.0179	0.6370	48	0.70	0.0168	0.9683	48	3.40	0.0031	0.9981
49	0.80	0.0151	0.6521	49	0.80	0.0114	0.9797	49	3.60	0.0014	0.9996
50	0.90	0.0169	0.6690	50	0.90	0.0081	0.9878	50	3.80	0.0004	1.0000
51	1.00	0.0195	0.6885	51	1.00	0.0052	0.9930	51	4.00	0.	1.0000
52	1.10	0.0187	0.7072	52	1.10	0.0027	0.9958	52	4.20	0.	1.0000
53	1.20	0.0210	0.7282	53	1.20	0.0024	0.9981	53	4.40	0.	1.0000
54	1.30	0.0234	0.7516	54	1.30	0.0009	0.9990	54	4.60	0.	1.0000
55	1.40	0.0235	0.7751	55	1.40	0.0005	0.9995	55	4.80	0.	1.0000
56	1.50	0.0237	0.7988	56	1.50	0.0003	0.9998	56	5.00	0.	1.0000
57	1.60	0.0236	0.8224	57	1.60	0.0001	0.9999	57	5.20	0.	1.0000
58	1.70	0.0237	0.8460	58	1.70	0.0001	1.0000	58	5.40	0.	1.0000
59	1.80	0.0204	0.8664	59	1.80	0.	1.0000	59	5.60	0.	1.0000
60	1.90	0.0185	0.8849	60	1.90	0.	1.0000	60	5.80	0.	1.0000
61	2.00	0.0183	0.9032	61	2.00	0.	1.0000	61	6.00	0.	1.0000
62	2.10	0.0181	0.9212	62	2.10	0.	1.0000				
63	2.20	0.0133	0.9345	63	2.20	0.	1.0000				
64	2.30	0.0126	0.9471	64	2.30	0.	1.0000				
65	2.40	0.0106	0.9577	65	2.40	0.	1.0000				
66	2.50	0.0089	0.9666	66	2.50	0.	1.0000				
67	2.60	0.0075	0.9741	67	2.60	0.	1.0000				
68	2.70	0.0053	0.9794	68	2.70	0.	1.0000				
69	2.80	0.0050	0.9844	69	2.80	0.	1.0000				
70	2.90	0.0031	0.9875	70	2.90	0.	1.0000				
71	3.00	0.0032	0.9907	71	3.00	0.	1.0000				
72	3.10	0.0023	0.9930	72	3.10	0.	1.0000				
73	3.20	0.0028	0.9958	73	3.20	0.	1.0000				
74	3.30	0.0022	0.9980	74	3.30	0.	1.0000				
75	3.40	0.0011	0.9992	75	3.40	0.	1.0000				
76	3.50	0.0008	1.0000	76	3.50	0.	1.0000				
77	3.60	0.	1.0000	77	3.60	0.	1.0000				
78	3.70	0.	1.0000	78	3.70	0.	1.0000				
79	3.80	0.	1.0000	79	3.80	0.	1.0000				
80	3.90	0.	1.0000	80	3.90	0.	1.0000				
81	4.00	0.	1.0000	81	4.00	0.	1.0000				

I - INTERVAL NUMBER X - INTERVAL CENTER VALUE

P(X) - PROBABILITY MASS FUNCTION F(X) - CUMULATIVE DISTRIBUTION FUNCTION

MAYPORT FLA.

STATISTICS FOR JUNE

ASTRONOMICAL TIDE MEAN-0.22 STND DEV 1.65				STORM SURGE MEAN 0.12 STND DEV 0.38				TOTAL WATER LEVEL MEAN-0.10 STND DEV 1.69			
I	X	P(X)	F(X)	I	X	P(X)	F(X)	I	X	P(X)	F(X)
1	-4.00	0.	0.	1	-4.00	0.	0.	1	-6.00	0.	0.
2	-3.90	0.	0.	2	-3.90	0.	0.	2	-5.80	0.	0.
3	-3.80	0.	0.	3	-3.80	0.	0.	3	-5.60	0.	0.
4	-3.70	0.	0.	4	-3.70	0.	0.	4	-5.40	0.	0.
5	-3.60	0.	0.	5	-3.60	0.	0.	5	-5.20	0.	0.
6	-3.50	0.	0.	6	-3.50	0.	0.	6	-5.00	0.	0.
7	-3.40	0.0005	0.0005	7	-3.40	0.	0.	7	-4.80	0.	0.
8	-3.30	0.0013	0.0017	8	-3.30	0.	0.	8	-4.60	0.	0.
9	-3.20	0.0022	0.0040	9	-3.20	0.	0.	9	-4.40	0.	0.
10	-3.10	0.0044	0.0083	10	-3.10	0.	0.	10	-4.20	0.	0.
11	-3.00	0.0058	0.0142	11	-3.00	0.	0.	11	-4.00	0.	0.
12	-2.90	0.0069	0.0211	12	-2.90	0.	0.	12	-3.80	0.	0.
13	-2.80	0.0092	0.0303	13	-2.80	0.	0.	13	-3.60	0.0006	0.0006
14	-2.70	0.0141	0.0444	14	-2.70	0.	0.	14	-3.40	0.0022	0.0028
15	-2.60	0.0158	0.0603	15	-2.60	0.	0.	15	-3.20	0.0057	0.0085
16	-2.50	0.0169	0.0772	16	-2.50	0.	0.	16	-3.00	0.0125	0.0210
17	-2.40	0.0219	0.0991	17	-2.40	0.	0.	17	-2.80	0.0200	0.0410
18	-2.30	0.0251	0.1242	18	-2.30	0.	0.	18	-2.60	0.0261	0.0693
19	-2.20	0.0262	0.1504	19	-2.20	0.	0.	19	-2.40	0.0361	0.1054
20	-2.10	0.0268	0.1772	20	-2.10	0.	0.	20	-2.20	0.0397	0.1452
21	-2.00	0.0251	0.2023	21	-2.00	0.	0.	21	-2.00	0.0445	0.1897
22	-1.90	0.0244	0.2267	22	-1.90	0.	0.	22	-1.80	0.0433	0.2330
23	-1.80	0.0212	0.2479	23	-1.80	0.	0.	23	-1.60	0.0392	0.2722
24	-1.70	0.0226	0.2705	24	-1.70	0.	0.	24	-1.40	0.0353	0.3075
25	-1.60	0.0219	0.2924	25	-1.60	0.	0.	25	-1.20	0.0379	0.3454
26	-1.50	0.0183	0.3107	26	-1.50	0.	0.	26	-1.00	0.0335	0.3788
27	-1.40	0.0172	0.3279	27	-1.40	0.	0.	27	-0.80	0.0329	0.4118
28	-1.30	0.0171	0.3450	28	-1.30	0.	0.	28	-0.60	0.0294	0.4411
29	-1.20	0.0177	0.3627	29	-1.20	0.	0.	29	-0.40	0.0295	0.4706
30	-1.10	0.0141	0.3768	30	-1.10	0.	0.	30	-0.20	0.0300	0.5006
31	-1.00	0.0154	0.3922	31	-1.00	0.	0.	31	0.	0.0285	0.5292
32	-0.90	0.0168	0.4090	32	-0.90	0.0001	0.0001	32	0.20	0.0298	0.5589
33	-0.80	0.0141	0.4231	33	-0.80	0.0013	0.0014	33	0.40	0.0302	0.5891
34	-0.70	0.0146	0.4377	34	-0.70	0.0054	0.0068	34	0.60	0.0315	0.6206
35	-0.60	0.0169	0.4546	35	-0.60	0.0121	0.0189	35	0.80	0.0357	0.6563
36	-0.50	0.0147	0.4693	36	-0.50	0.0282	0.0471	36	1.00	0.0393	0.6956
37	-0.40	0.0130	0.4823	37	-0.40	0.0471	0.0941	37	1.20	0.0396	0.7352
38	-0.30	0.0150	0.4973	38	-0.30	0.0658	0.1599	38	1.40	0.0441	0.7793
39	-0.20	0.0142	0.5115	39	-0.20	0.0833	0.2432	39	1.60	0.0444	0.8237
40	-0.10	0.0143	0.5258	40	-0.10	0.1087	0.3520	40	1.80	0.0413	0.8651
41	0.	0.0144	0.5402	41	0.	0.1111	0.4631	41	2.00	0.0344	0.8995
42	0.10	0.0162	0.5564	42	0.10	0.1082	0.5713	42	2.20	0.0279	0.9274
43	0.20	0.0141	0.5705	43	0.20	0.0942	0.6655	43	2.40	0.0245	0.9519
44	0.30	0.0161	0.5866	44	0.30	0.0873	0.7528	44	2.60	0.0180	0.9699
45	0.40	0.0147	0.6013	45	0.40	0.0733	0.8262	45	2.80	0.0116	0.9814
46	0.50	0.0144	0.6157	46	0.50	0.0595	0.8857	46	3.00	0.0088	0.9902
47	0.60	0.0176	0.6333	47	0.60	0.0400	0.9256	47	3.20	0.0044	0.9946
48	0.70	0.0153	0.6485	48	0.70	0.0255	0.9512	48	3.40	0.0028	0.9974
49	0.80	0.0175	0.6660	49	0.80	0.0157	0.9669	49	3.60	0.0016	0.9991
50	0.90	0.0176	0.6836	50	0.90	0.0099	0.9768	50	3.80	0.0006	0.9996
51	1.00	0.0196	0.7032	51	1.00	0.0064	0.9832	51	4.00	0.0003	0.9999
52	1.10	0.0217	0.7249	52	1.10	0.0046	0.9878	52	4.20	0.0001	1.0000
53	1.20	0.0228	0.7476	53	1.20	0.0025	0.9903	53	4.40	0.	1.0000
54	1.30	0.0233	0.7709	54	1.30	0.0016	0.9920	54	4.60	0.	1.0000
55	1.40	0.0271	0.7980	55	1.40	0.0026	0.9945	55	4.80	0.	1.0000
56	1.50	0.0238	0.8218	56	1.50	0.0012	0.9957	56	5.00	0.	1.0000
57	1.60	0.0232	0.8450	57	1.60	0.0014	0.9971	57	5.20	0.	1.0000
58	1.70	0.0194	0.8644	58	1.70	0.0011	0.9982	58	5.40	0.	1.0000
59	1.80	0.0194	0.8837	59	1.80	0.0014	0.9996	59	5.60	0.	1.0000
60	1.90	0.0192	0.9030	60	1.90	0.0001	0.9998	60	5.80	0.	1.0000
61	2.00	0.0164	0.9194	61	2.00	0.0002	1.0000	61	6.00	0.	1.0000
62	2.10	0.0129	0.9323	62	2.10	0.	1.0000				
63	2.20	0.0125	0.9448	63	2.20	0.	1.0000				
64	2.30	0.0098	0.9546	64	2.30	0.	1.0000				
65	2.40	0.0103	0.9649	65	2.40	0.	1.0000				
66	2.50	0.0076	0.9725	66	2.50	0.	1.0000				
67	2.60	0.0056	0.9781	67	2.60	0.	1.0000				
68	2.70	0.0049	0.9831	68	2.70	0.	1.0000				
69	2.80	0.0049	0.9880	69	2.80	0.	1.0000				
70	2.90	0.0035	0.9915	70	2.90	0.	1.0000				
71	3.00	0.0031	0.9946	71	3.00	0.	1.0000				
72	3.10	0.0023	0.9969	72	3.10	0.	1.0000				
73	3.20	0.0015	0.9984	73	3.20	0.	1.0000				
74	3.30	0.0013	0.9997	74	3.30	0.	1.0000				
75	3.40	0.0003	1.0000	75	3.40	0.	1.0000				
76	3.50	0.	1.0000	76	3.50	0.	1.0000				
77	3.60	0.	1.0000	77	3.60	0.	1.0000				
78	3.70	0.	1.0000	78	3.70	0.	1.0000				
79	3.80	0.	1.0000	79	3.80	0.	1.0000				
80	3.90	0.	1.0000	80	3.90	0.	1.0000				
81	4.00	0.	1.0000	81	4.00	0.	1.0000				

I - INTERVAL NUMBER X - INTERVAL CENTER VALUE

P(X) - PROBABILITY MASS FUNCTION F(X) - CUMULATIVE DISTRIBUTION FUNCTION

MAYPORT FLA.

STATISTICS FOR JULY

ASTRONOMICAL TIDE				STORM SURGE				TOTAL WATER LEVEL			
MEAN-0.18 STND DEV 1.65				MEAN-0.08 STND DEV 0.38				MEAN-0.26 STND DEV 1.68			
I	X	P(X)	F(X)	I	X	P(X)	F(X)	I	X	P(X)	F(X)
1	-4.00	0.	0.	1	-4.00	0.	0.	1	-6.00	0.	0.
2	-3.90	0.	0.	2	-3.90	0.	0.	2	-5.80	0.	0.
3	-3.80	0.	0.	3	-3.80	0.	0.	3	-5.60	0.	0.
4	-3.70	0.	0.	4	-3.70	0.	0.	4	-5.40	0.	0.
5	-3.60	0.	0.	5	-3.60	0.	0.	5	-5.20	0.	0.
6	-3.50	0.	0.	6	-3.50	0.	0.	6	-5.00	0.	0.
7	-3.40	0.0001	0.0001	7	-3.40	0.	0.	7	-4.80	0.	0.
8	-3.30	0.0001	0.0002	8	-3.30	0.	0.	8	-4.60	0.	0.
9	-3.20	0.0019	0.0021	9	-3.20	0.	0.	9	-4.40	0.	0.
10	-3.10	0.0030	0.0051	10	-3.10	0.	0.	10	-4.20	0.0002	0.0002
11	-3.00	0.0054	0.0105	11	-3.00	0.	0.	11	-4.00	0.0003	0.0005
12	-2.90	0.0069	0.0174	12	-2.90	0.	0.	12	-3.80	0.0008	0.0013
13	-2.80	0.0106	0.0280	13	-2.80	0.	0.	13	-3.60	0.0015	0.0027
14	-2.70	0.0129	0.0409	14	-2.70	0.	0.	14	-3.40	0.0051	0.0078
15	-2.60	0.0156	0.0565	15	-2.60	0.	0.	15	-3.20	0.0079	0.0157
16	-2.50	0.0171	0.0736	16	-2.50	0.	0.	16	-3.00	0.0165	0.0322
17	-2.40	0.0208	0.0945	17	-2.40	0.	0.	17	-2.80	0.0267	0.0589
18	-2.30	0.0219	0.1164	18	-2.30	0.	0.	18	-2.60	0.0390	0.0979
19	-2.20	0.0253	0.1417	19	-2.20	0.	0.	19	-2.40	0.0403	0.1381
20	-2.10	0.0253	0.1670	20	-2.10	0.	0.	20	-2.20	0.0417	0.1798
21	-2.00	0.0282	0.1953	21	-2.00	0.	0.	21	-2.00	0.0449	0.2247
22	-1.90	0.0226	0.2179	22	-1.90	0.	0.	22	-1.80	0.0428	0.2674
23	-1.80	0.0216	0.2395	23	-1.80	0.	0.	23	-1.60	0.0351	0.3025
24	-1.70	0.0208	0.2603	24	-1.70	0.	0.	24	-1.40	0.0353	0.3378
25	-1.60	0.0219	0.2822	25	-1.60	0.	0.	25	-1.20	0.0349	0.3727
26	-1.50	0.0178	0.3000	26	-1.50	0.0001	0.0001	26	-1.00	0.0311	0.4039
27	-1.40	0.0198	0.3197	27	-1.40	0.0001	0.0002	27	-0.80	0.0332	0.4370
28	-1.30	0.0179	0.3377	28	-1.30	0.	0.0002	28	-0.60	0.0294	0.4664
29	-1.20	0.0190	0.3566	29	-1.20	0.0002	0.0003	29	-0.40	0.0295	0.4959
30	-1.10	0.0135	0.3701	30	-1.10	0.0010	0.0013	30	-0.20	0.0270	0.5229
31	-1.00	0.0170	0.3872	31	-1.00	0.0029	0.0042	31	0.	0.0285	0.5514
32	-0.90	0.0149	0.4021	32	-0.90	0.0070	0.0112	32	0.20	0.0303	0.5817
33	-0.80	0.0152	0.4173	33	-0.80	0.0173	0.0285	33	0.40	0.0329	0.6146
34	-0.70	0.0152	0.4325	34	-0.70	0.0336	0.0621	34	0.60	0.0352	0.6508
35	-0.60	0.0152	0.4477	35	-0.60	0.0423	0.1044	35	0.80	0.0372	0.6880
36	-0.50	0.0132	0.4609	36	-0.50	0.0607	0.1650	36	1.00	0.0403	0.7283
37	-0.40	0.0155	0.4764	37	-0.40	0.0782	0.2432	37	1.20	0.0424	0.7706
38	-0.30	0.0146	0.4910	38	-0.30	0.0959	0.3391	38	1.40	0.0422	0.8128
39	-0.20	0.0151	0.5061	39	-0.20	0.1086	0.4477	39	1.60	0.0402	0.8530
40	-0.10	0.0147	0.5208	40	-0.10	0.1113	0.5590	40	1.80	0.0385	0.8916
41	0.	0.0152	0.5360	41	0.	0.1022	0.6612	41	2.00	0.0328	0.9244
42	0.10	0.0139	0.5499	42	0.10	0.0891	0.7503	42	2.20	0.0264	0.9508
43	0.20	0.0143	0.5642	43	0.20	0.0737	0.8240	43	2.40	0.0158	0.9666
44	0.30	0.0162	0.5804	44	0.30	0.0554	0.8795	44	2.60	0.0131	0.9797
45	0.40	0.0157	0.5961	45	0.40	0.0399	0.9193	45	2.80	0.0088	0.9885
46	0.50	0.0145	0.6106	46	0.50	0.0271	0.9465	46	3.00	0.0057	0.9942
47	0.60	0.0164	0.6270	47	0.60	0.0160	0.9625	47	3.20	0.0030	0.9972
48	0.70	0.0181	0.6452	48	0.70	0.0109	0.9734	48	3.40	0.0021	0.9993
49	0.80	0.0140	0.6591	49	0.80	0.0090	0.9824	49	3.60	0.0005	0.9998
50	0.90	0.0181	0.6773	50	0.90	0.0065	0.9889	50	3.80	0.0002	1.0000
51	1.00	0.0185	0.6958	51	1.00	0.0048	0.9937	51	4.00	0.	1.0000
52	1.10	0.0219	0.7177	52	1.10	0.0023	0.9960	52	4.20	0.	1.0000
53	1.20	0.0236	0.7413	53	1.20	0.0020	0.9980	53	4.40	0.	1.0000
54	1.30	0.0219	0.7633	54	1.30	0.0013	0.9993	54	4.60	0.	1.0000
55	1.40	0.0214	0.7846	55	1.40	0.0005	0.9998	55	4.80	0.	1.0000
56	1.50	0.0219	0.8066	56	1.50	0.0002	0.9999	56	5.00	0.	1.0000
57	1.60	0.0240	0.8306	57	1.60	0.	0.9999	57	5.20	0.	1.0000
58	1.70	0.0219	0.8524	58	1.70	0.	0.9999	58	5.40	0.	1.0000
59	1.80	0.0205	0.8730	59	1.80	0.0001	1.0000	59	5.60	0.	1.0000
60	1.90	0.0175	0.8905	60	1.90	0.	1.0000	60	5.80	0.	1.0000
61	2.00	0.0161	0.9067	61	2.00	0.	1.0000	61	6.00	0.	1.0000
62	2.10	0.0169	0.9235	62	2.10	0.	1.0000				
63	2.20	0.0157	0.9392	63	2.20	0.	1.0000				
64	2.30	0.0127	0.9519	64	2.30	0.	1.0000				
65	2.40	0.0123	0.9642	65	2.40	0.	1.0000				
66	2.50	0.0083	0.9725	66	2.50	0.	1.0000				
67	2.60	0.0072	0.9798	67	2.60	0.	1.0000				
68	2.70	0.0060	0.9857	68	2.70	0.	1.0000				
69	2.80	0.0038	0.9896	69	2.80	0.	1.0000				
70	2.90	0.0040	0.9935	70	2.90	0.	1.0000				
71	3.00	0.0025	0.9960	71	3.00	0.	1.0000				
72	3.10	0.0022	0.9981	72	3.10	0.	1.0000				
73	3.20	0.0015	0.9996	73	3.20	0.	1.0000				
74	3.30	0.0002	0.9998	74	3.30	0.	1.0000				
75	3.40	0.0001	1.0000	75	3.40	0.	1.0000				
76	3.50	0.	1.0000	76	3.50	0.	1.0000				
77	3.60	0.	1.0000	77	3.60	0.	1.0000				
78	3.70	0.	1.0000	78	3.70	0.	1.0000				
79	3.80	0.	1.0000	79	3.80	0.	1.0000				
80	3.90	0.	1.0000	80	3.90	0.	1.0000				
81	4.00	0.	1.0000	81	4.00	0.	1.0000				

I - INTERVAL NUMBER X - INTERVAL CENTER VALUE

P(X) - PROBABILITY MASS FUNCTION F(X) - CUMULATIVE DISTRIBUTION FUNCTION

MAYPORT FLA.

STATISTICS FOR AUGUST

ASTRONOMICAL TIDE				STORM SURGE				TOTAL WATER LEVEL			
MEAN 0.07		STND DEV 1.65		MEAN-0.14		STND DEV 0.39		MEAN-0.07		STND DEV 1.68	
I	X	P(X)	F(X)	I	X	P(X)	F(X)	I	X	P(X)	F(X)
1	-4.00	0.	0.	1	-4.00	0.	0.	1	-6.00	0.	0.
2	-3.90	0.	0.	2	-3.90	0.	0.	2	-5.80	0.	0.
3	-3.80	0.	0.	3	-3.80	0.	0.	3	-5.60	0.	0.
4	-3.70	0.	0.	4	-3.70	0.	0.	4	-5.40	0.	0.
5	-3.60	0.	0.	5	-3.60	0.	0.	5	-5.20	0.	0.
6	-3.50	0.	0.	6	-3.50	0.	0.	6	-5.00	0.	0.
7	-3.40	0.	0.	7	-3.40	0.	0.	7	-4.80	0.	0.
8	-3.30	0.	0.	8	-3.30	0.	0.	8	-4.60	0.	0.
9	-3.20	0.0001	0.0001	9	-3.20	0.	0.	9	-4.40	0.0001	0.0001
10	-3.10	0.0013	0.0014	10	-3.10	0.	0.	10	-4.20	0.	0.0001
11	-3.00	0.0018	0.0032	11	-3.00	0.	0.	11	-4.00	0.0002	0.0003
12	-2.90	0.0034	0.0066	12	-2.90	0.	0.	12	-3.80	0.0002	0.0006
13	-2.80	0.0045	0.0111	13	-2.80	0.	0.	13	-3.60	0.0013	0.0018
14	-2.70	0.0067	0.0178	14	-2.70	0.	0.	14	-3.40	0.0032	0.0050
15	-2.60	0.0089	0.0267	15	-2.60	0.	0.	15	-3.20	0.0070	0.0121
16	-2.50	0.0093	0.0361	16	-2.50	0.	0.	16	-3.00	0.0111	0.0232
17	-2.40	0.0126	0.0487	17	-2.40	0.	0.	17	-2.80	0.0178	0.0410
18	-2.30	0.0170	0.0657	18	-2.30	0.	0.	18	-2.60	0.0248	0.0658
19	-2.20	0.0203	0.0860	19	-2.20	0.	0.	19	-2.40	0.0334	0.0992
20	-2.10	0.0212	0.1072	20	-2.10	0.	0.	20	-2.20	0.0381	0.1372
21	-2.00	0.0244	0.1317	21	-2.00	0.	0.	21	-2.00	0.0412	0.1784
22	-1.90	0.0226	0.1543	22	-1.90	0.	0.	22	-1.80	0.0409	0.2193
23	-1.80	0.0226	0.1769	23	-1.80	0.	0.	23	-1.60	0.0426	0.2619
24	-1.70	0.0250	0.2019	24	-1.70	0.	0.	24	-1.40	0.0382	0.3001
25	-1.60	0.0218	0.2237	25	-1.60	0.	0.	25	-1.20	0.0366	0.3368
26	-1.50	0.0235	0.2472	26	-1.50	0.	0.	26	-1.00	0.0334	0.3702
27	-1.40	0.0197	0.2669	27	-1.40	0.0001	0.0001	27	-0.80	0.0325	0.4027
28	-1.30	0.0221	0.2890	28	-1.30	0.0003	0.0004	28	-0.60	0.0304	0.4331
29	-1.20	0.0207	0.3097	29	-1.20	0.0003	0.0007	29	-0.40	0.0314	0.4645
30	-1.10	0.0178	0.3275	30	-1.10	0.0018	0.0025	30	-0.20	0.0310	0.4955
31	-1.00	0.0168	0.3442	31	-1.00	0.0052	0.0077	31	0.	0.0275	0.5230
32	-0.90	0.0182	0.3624	32	-0.90	0.0080	0.0157	32	0.20	0.0298	0.5529
33	-0.80	0.0151	0.3775	33	-0.80	0.0154	0.0310	33	0.40	0.0321	0.5850
34	-0.70	0.0155	0.3930	34	-0.70	0.0323	0.0633	34	0.60	0.0314	0.6164
35	-0.60	0.0156	0.4087	35	-0.60	0.0546	0.1180	35	0.80	0.0356	0.6520
36	-0.50	0.0136	0.4223	36	-0.50	0.0832	0.2011	36	1.00	0.0396	0.6916
37	-0.40	0.0166	0.4389	37	-0.40	0.1068	0.3079	37	1.20	0.0410	0.7326
38	-0.30	0.0154	0.4543	38	-0.30	0.1207	0.4286	38	1.40	0.0414	0.7741
39	-0.20	0.0138	0.4681	39	-0.20	0.1178	0.5464	39	1.60	0.0415	0.8156
40	-0.10	0.0165	0.4846	40	-0.10	0.0961	0.6425	40	1.80	0.0416	0.8572
41	0.	0.0139	0.4985	41	0.	0.0844	0.7270	41	2.00	0.0394	0.8966
42	0.10	0.0148	0.5133	42	0.10	0.0758	0.8028	42	2.20	0.0307	0.9273
43	0.20	0.0139	0.5272	43	0.20	0.0547	0.8575	43	2.40	0.0266	0.9539
44	0.30	0.0156	0.5427	44	0.30	0.0438	0.9013	44	2.60	0.0185	0.9723
45	0.40	0.0132	0.5559	45	0.40	0.0282	0.9295	45	2.80	0.0118	0.9842
46	0.50	0.0159	0.5717	46	0.50	0.0178	0.9474	46	3.00	0.0062	0.9903
47	0.60	0.0146	0.5864	47	0.60	0.0125	0.9598	47	3.20	0.0039	0.9942
48	0.70	0.0176	0.6040	48	0.70	0.0122	0.9720	48	3.40	0.0018	0.9961
49	0.80	0.0149	0.6189	49	0.80	0.0086	0.9807	49	3.60	0.0016	0.9977
50	0.90	0.0174	0.6362	50	0.90	0.0077	0.9883	50	3.80	0.0013	0.9990
51	1.00	0.0166	0.6529	51	1.00	0.0043	0.9926	51	4.00	0.0006	0.9995
52	1.10	0.0168	0.6696	52	1.10	0.0028	0.9954	52	4.20	0.0002	0.9997
53	1.20	0.0188	0.6885	53	1.20	0.0010	0.9964	53	4.40	0.0002	0.9998
54	1.30	0.0204	0.7089	54	1.30	0.0015	0.9979	54	4.60	0.0002	1.0000
55	1.40	0.0220	0.7309	55	1.40	0.0012	0.9991	55	4.80	0.	1.0000
56	1.50	0.0207	0.7516	56	1.50	0.0003	0.9994	56	5.00	0.	1.0000
57	1.60	0.0210	0.7726	57	1.60	0.0003	0.9998	57	5.20	0.	1.0000
58	1.70	0.0207	0.7933	58	1.70	0.0002	0.9999	58	5.40	0.	1.0000
59	1.80	0.0209	0.8142	59	1.80	0.0001	1.0000	59	5.60	0.	1.0000
60	1.90	0.0233	0.8375	60	1.90	0.	1.0000	60	5.80	0.	1.0000
61	2.00	0.0219	0.8594	61	2.00	0.	1.0000	61	6.00	0.	1.0000
62	2.10	0.0192	0.8786	62	2.10	0.	1.0000				
63	2.20	0.0179	0.8965	63	2.20	0.	1.0000				
64	2.30	0.0161	0.9126	64	2.30	0.	1.0000				
65	2.40	0.0159	0.9285	65	2.40	0.	1.0000				
66	2.50	0.0163	0.9448	66	2.50	0.	1.0000				
67	2.60	0.0139	0.9588	67	2.60	0.	1.0000				
68	2.70	0.0119	0.9706	68	2.70	0.	1.0000				
69	2.80	0.0081	0.9787	69	2.80	0.	1.0000				
70	2.90	0.0070	0.9857	70	2.90	0.	1.0000				
71	3.00	0.0048	0.9905	71	3.00	0.	1.0000				
72	3.10	0.0039	0.9944	72	3.10	0.	1.0000				
73	3.20	0.0028	0.9972	73	3.20	0.	1.0000				
74	3.30	0.0020	0.9992	74	3.30	0.	1.0000				
75	3.40	0.0007	0.9999	75	3.40	0.	1.0000				
76	3.50	0.0001	1.0000	76	3.50	0.	1.0000				
77	3.60	0.	1.0000	77	3.60	0.	1.0000				
78	3.70	0.	1.0000	78	3.70	0.	1.0000				
79	3.80	0.	1.0000	79	3.80	0.	1.0000				
80	3.90	0.	1.0000	80	3.90	0.	1.0000				
81	4.00	0.	1.0000	81	4.00	0.	1.0000				

I - INTERVAL NUMBER X - INTERVAL CENTER VALUE

P(X) - PROBABILITY MASS FUNCTION F(X) - CUMULATIVE DISTRIBUTION FUNCTION

MAYPORT FLA.

STATISTICS FOR SEPTEMBER

ASTRONOMICAL TIDE				STORM SURGE				TOTAL WATER LEVEL			
MEAN 0.40		STND DEV 1.65		MEAN 0.09		STND DEV 0.46		MEAN 0.48		STND DEV 1.72	
I	X	P(X)	F(X)	I	X	P(X)	F(X)	I	X	P(X)	F(X)
1	-4.00	0.	0.	1	-4.00	0.	0.	1	-6.00	0.	0.
2	-3.90	0.	0.	2	-3.90	0.	0.	2	-5.80	0.	0.
3	-3.80	0.	0.	3	-3.80	0.	0.	3	-5.60	0.	0.
4	-3.70	0.	0.	4	-3.70	0.	0.	4	-5.40	0.	0.
5	-3.60	0.	0.	5	-3.60	0.	0.	5	-5.20	0.	0.
6	-3.50	0.	0.	6	-3.50	0.	0.	6	-5.00	0.	0.
7	-3.40	0.	0.	7	-3.40	0.	0.	7	-4.80	0.	0.
8	-3.30	0.	0.	8	-3.30	0.	0.	8	-4.60	0.	0.
9	-3.20	0.	0.	9	-3.20	0.	0.	9	-4.40	0.	0.
10	-3.10	0.	0.	10	-3.10	0.	0.	10	-4.20	0.	0.
11	-3.00	0.0001	0.0001	11	-3.00	0.	0.	11	-4.00	0.	0.
12	-2.90	0.0010	0.0011	12	-2.90	0.	0.	12	-3.80	0.	0.
13	-2.80	0.0021	0.0033	13	-2.80	0.	0.	13	-3.60	0.	0.
14	-2.70	0.0024	0.0058	14	-2.70	0.	0.	14	-3.40	0.0003	0.0003
15	-2.60	0.0047	0.0105	15	-2.60	0.	0.	15	-3.20	0.0014	0.0017
16	-2.50	0.0046	0.0151	16	-2.50	0.	0.	16	-3.00	0.0037	0.0055
17	-2.40	0.0056	0.0206	17	-2.40	0.	0.	17	-2.80	0.0060	0.0115
18	-2.30	0.0088	0.0294	18	-2.30	0.	0.	18	-2.60	0.0105	0.0220
19	-2.20	0.0093	0.0387	19	-2.20	0.	0.	19	-2.40	0.0161	0.0381
20	-2.10	0.0110	0.0497	20	-2.10	0.	0.	20	-2.20	0.0241	0.0622
21	-2.00	0.0138	0.0635	21	-2.00	0.	0.	21	-2.00	0.0281	0.0903
22	-1.90	0.0187	0.0822	22	-1.90	0.	0.	22	-1.80	0.0329	0.1233
23	-1.80	0.0206	0.1029	23	-1.80	0.	0.	23	-1.60	0.0337	0.1569
24	-1.70	0.0212	0.1241	24	-1.70	0.	0.	24	-1.40	0.0357	0.1926
25	-1.60	0.0234	0.1475	25	-1.60	0.	0.	25	-1.20	0.0395	0.2322
26	-1.50	0.0224	0.1699	26	-1.50	0.	0.	26	-1.00	0.0359	0.2681
27	-1.40	0.0247	0.1945	27	-1.40	0.	0.	27	-0.80	0.0408	0.3089
28	-1.30	0.0223	0.2168	28	-1.30	0.	0.	28	-0.60	0.0343	0.3432
29	-1.20	0.0249	0.2417	29	-1.20	0.0002	0.0002	29	-0.40	0.0325	0.3756
30	-1.10	0.0206	0.2623	30	-1.10	0.0008	0.0010	30	-0.20	0.0314	0.4070
31	-1.00	0.0213	0.2836	31	-1.00	0.0013	0.0022	31	0.	0.0300	0.4370
32	-0.90	0.0188	0.3034	32	-0.90	0.0026	0.0048	32	0.20	0.0296	0.4666
33	-0.80	0.0174	0.3208	33	-0.80	0.0061	0.0109	33	0.40	0.0318	0.4984
34	-0.70	0.0194	0.3402	34	-0.70	0.0139	0.0248	34	0.60	0.0280	0.5264
35	-0.60	0.0186	0.3588	35	-0.60	0.0235	0.0483	35	0.80	0.0275	0.5539
36	-0.50	0.0148	0.3736	36	-0.50	0.0460	0.0943	36	1.00	0.0321	0.5860
37	-0.40	0.0161	0.3897	37	-0.40	0.0630	0.1574	37	1.20	0.0341	0.6201
38	-0.30	0.0157	0.4054	38	-0.30	0.0777	0.2351	38	1.40	0.0339	0.6540
39	-0.20	0.0136	0.4190	39	-0.20	0.0922	0.3273	39	1.60	0.0382	0.6922
40	-0.10	0.0150	0.4340	40	-0.10	0.1062	0.4335	40	1.80	0.0431	0.7353
41	0.	0.0149	0.4490	41	0.	0.0970	0.5306	41	2.00	0.0455	0.7808
42	0.10	0.0154	0.4643	42	0.10	0.0826	0.6132	42	2.20	0.0431	0.8239
43	0.20	0.0159	0.4802	43	0.20	0.0703	0.6835	43	2.40	0.0436	0.8675
44	0.30	0.0144	0.4946	44	0.30	0.0576	0.7411	44	2.60	0.0342	0.9017
45	0.40	0.0154	0.5100	45	0.40	0.0520	0.7931	45	2.80	0.0279	0.9296
46	0.50	0.0140	0.5240	46	0.50	0.0478	0.8409	46	3.00	0.0238	0.9533
47	0.60	0.0145	0.5385	47	0.60	0.0389	0.8797	47	3.20	0.0174	0.9707
48	0.70	0.0160	0.5546	48	0.70	0.0312	0.9110	48	3.40	0.0108	0.9815
49	0.80	0.0151	0.5697	49	0.80	0.0276	0.9385	49	3.60	0.0083	0.9898
50	0.90	0.0140	0.5838	50	0.90	0.0193	0.9579	50	3.80	0.0050	0.9948
51	1.00	0.0141	0.5979	51	1.00	0.0129	0.9708	51	4.00	0.0022	0.9970
52	1.10	0.0158	0.6136	52	1.10	0.0097	0.9804	52	4.20	0.0013	0.9983
53	1.20	0.0161	0.6297	53	1.20	0.0051	0.9855	53	4.40	0.0009	0.9991
54	1.30	0.0185	0.6483	54	1.30	0.0038	0.9893	54	4.60	0.0006	0.9998
55	1.40	0.0183	0.6666	55	1.40	0.0033	0.9926	55	4.80	0.0001	0.9998
56	1.50	0.0197	0.6863	56	1.50	0.0020	0.9945	56	5.00	0.0002	1.0000
57	1.60	0.0190	0.7053	57	1.60	0.0017	0.9962	57	5.20	0.	1.0000
58	1.70	0.0197	0.7251	58	1.70	0.0010	0.9972	58	5.40	0.	1.0000
59	1.80	0.0205	0.7456	59	1.80	0.0009	0.9981	59	5.60	0.	1.0000
60	1.90	0.0187	0.7642	60	1.90	0.0006	0.9987	60	5.80	0.	1.0000
61	2.00	0.0232	0.7874	61	2.00	0.0008	0.9995	61	6.00	0.	1.0000
62	2.10	0.0197	0.8071	62	2.10	0.0004	0.9999				
63	2.20	0.0206	0.8277	63	2.20	0.0001	1.0000				
64	2.30	0.0213	0.8490	64	2.30	0.	1.0000				
65	2.40	0.0220	0.8710	65	2.40	0.	1.0000				
66	2.50	0.0199	0.8909	66	2.50	0.	1.0000				
67	2.60	0.0172	0.9081	67	2.60	0.	1.0000				
68	2.70	0.0192	0.9274	68	2.70	0.	1.0000				
69	2.80	0.0158	0.9432	69	2.80	0.	1.0000				
70	2.90	0.0142	0.9574	70	2.90	0.	1.0000				
71	3.00	0.0112	0.9686	71	3.00	0.	1.0000				
72	3.10	0.0087	0.9773	72	3.10	0.	1.0000				
73	3.20	0.0069	0.9843	73	3.20	0.	1.0000				
74	3.30	0.0055	0.9897	74	3.30	0.	1.0000				
75	3.40	0.0043	0.9940	75	3.40	0.	1.0000				
76	3.50	0.0026	0.9966	76	3.50	0.	1.0000				
77	3.60	0.0019	0.9985	77	3.60	0.	1.0000				
78	3.70	0.0008	0.9993	78	3.70	0.	1.0000				
79	3.80	0.0003	0.9997	79	3.80	0.	1.0000				
80	3.90	0.0003	1.0000	80	3.90	0.	1.0000				
81	4.00	0.	1.0000	81	4.00	0.	1.0000				

I - INTERVAL NUMBER X - INTERVAL CENTER VALUE

P(X) - PROBABILITY MASS FUNCTION F(X) - CUMULATIVE DISTRIBUTION FUNCTION

MAYPORT FLA.

STATISTICS FOR OCTOBER

ASTRONOMICAL TIDE				STORM SURGE				TOTAL WATER LEVEL			
MEAN 0.54		STND DEV 1.66		MEAN 0.24		STND DEV 0.43		MEAN 0.79		STND DEV 1.70	
I	X	P(X)	F(X)	I	X	P(X)	F(X)	I	X	P(X)	F(X)
1	-4.00	0.	0.	1	-4.00	0.	0.	1	-6.00	0.	0.
2	-3.90	0.	0.	2	-3.90	0.	0.	2	-5.80	0.	0.
3	-3.80	0.	0.	3	-3.80	0.	0.	3	-5.60	0.	0.
4	-3.70	0.	0.	4	-3.70	0.	0.	4	-5.40	0.	0.
5	-3.60	0.	0.	5	-3.60	0.	0.	5	-5.20	0.	0.
6	-3.50	0.	0.	6	-3.50	0.	0.	6	-5.00	0.	0.
7	-3.40	0.	0.	7	-3.40	0.	0.	7	-4.80	0.	0.
8	-3.30	0.	0.	8	-3.30	0.	0.	8	-4.60	0.	0.
9	-3.20	0.	0.	9	-3.20	0.	0.	9	-4.40	0.	0.
10	-3.10	0.	0.	10	-3.10	0.	0.	10	-4.20	0.	0.
11	-3.00	0.	0.	11	-3.00	0.	0.	11	-4.00	0.	0.
12	-2.90	0.0001	0.0001	12	-2.90	0.	0.	12	-3.80	0.	0.
13	-2.80	0.0005	0.0006	13	-2.80	0.	0.	13	-3.60	0.	0.
14	-2.70	0.0018	0.0024	14	-2.70	0.	0.	14	-3.40	0.0001	0.0001
15	-2.60	0.0023	0.0048	15	-2.60	0.	0.	15	-3.20	0.	0.0001
16	-2.50	0.0037	0.0085	16	-2.50	0.	0.	16	-3.00	0.0008	0.0009
17	-2.40	0.0054	0.0138	17	-2.40	0.	0.	17	-2.80	0.0025	0.0034
18	-2.30	0.0058	0.0196	18	-2.30	0.	0.	18	-2.60	0.0030	0.0065
19	-2.20	0.0071	0.0267	19	-2.20	0.	0.	19	-2.40	0.0063	0.0128
20	-2.10	0.0085	0.0351	20	-2.10	0.	0.	20	-2.20	0.0120	0.0248
21	-2.00	0.0099	0.0451	21	-2.00	0.	0.	21	-2.00	0.0163	0.0411
22	-1.90	0.0130	0.0581	22	-1.90	0.	0.	22	-1.80	0.0226	0.0677
23	-1.80	0.0146	0.0727	23	-1.80	0.	0.	23	-1.60	0.0289	0.0966
24	-1.70	0.0184	0.0911	24	-1.70	0.	0.	24	-1.40	0.0343	0.1310
25	-1.60	0.0222	0.1132	25	-1.60	0.	0.	25	-1.20	0.0388	0.1697
26	-1.50	0.0212	0.1345	26	-1.50	0.	0.	26	-1.00	0.0388	0.2085
27	-1.40	0.0233	0.1578	27	-1.40	0.0001	0.0001	27	-0.80	0.0387	0.2472
28	-1.30	0.0239	0.1816	28	-1.30	0.	0.0001	28	-0.60	0.0382	0.2854
29	-1.20	0.0234	0.2051	29	-1.20	0.0001	0.0002	29	-0.40	0.0360	0.3214
30	-1.10	0.0238	0.2289	30	-1.10	0.	0.0002	30	-0.20	0.0345	0.3559
31	-1.00	0.0239	0.2528	31	-1.00	0.0008	0.0011	31	0.	0.0349	0.3909
32	-0.90	0.0211	0.2739	32	-0.90	0.0034	0.0045	32	0.20	0.0318	0.4226
33	-0.80	0.0204	0.2943	33	-0.80	0.0054	0.0099	33	0.40	0.0277	0.4503
34	-0.70	0.0204	0.3147	34	-0.70	0.0095	0.0195	34	0.60	0.0293	0.4796
35	-0.60	0.0177	0.3325	35	-0.60	0.0105	0.0300	35	0.80	0.0296	0.5092
36	-0.50	0.0161	0.3486	36	-0.50	0.0175	0.0475	36	1.00	0.0304	0.5396
37	-0.40	0.0158	0.3644	37	-0.40	0.0299	0.0775	37	1.20	0.0305	0.5701
38	-0.30	0.0182	0.3826	38	-0.30	0.0395	0.1170	38	1.40	0.0321	0.6022
39	-0.20	0.0150	0.3976	39	-0.20	0.0535	0.1705	39	1.60	0.0336	0.6358
40	-0.10	0.0167	0.4143	40	-0.10	0.0668	0.2373	40	1.80	0.0372	0.6729
41	0.	0.0138	0.4282	41	0.	0.0839	0.3212	41	2.00	0.0406	0.7135
42	0.10	0.0130	0.4411	42	0.10	0.0971	0.4203	42	2.20	0.0400	0.7535
43	0.20	0.0165	0.4577	43	0.20	0.1014	0.5218	43	2.40	0.0451	0.7986
44	0.30	0.0138	0.4714	44	0.30	0.1009	0.6226	44	2.60	0.0406	0.8392
45	0.40	0.0159	0.4874	45	0.40	0.0872	0.7099	45	2.80	0.0431	0.8823
46	0.50	0.0156	0.5030	46	0.50	0.0743	0.7842	46	3.00	0.0353	0.9177
47	0.60	0.0143	0.5172	47	0.60	0.0550	0.8392	47	3.20	0.0283	0.9460
48	0.70	0.0143	0.5315	48	0.70	0.0398	0.8790	48	3.40	0.0219	0.9679
49	0.80	0.0138	0.5454	49	0.80	0.0329	0.9119	49	3.60	0.0142	0.9821
50	0.90	0.0142	0.5595	50	0.90	0.0247	0.9366	50	3.80	0.0094	0.9914
51	1.00	0.0150	0.5745	51	1.00	0.0206	0.9572	51	4.00	0.0041	0.9956
52	1.10	0.0184	0.5929	52	1.10	0.0167	0.9739	52	4.20	0.0028	0.9984
53	1.20	0.0144	0.6073	53	1.20	0.0112	0.9851	53	4.40	0.0015	0.9999
54	1.30	0.0165	0.6238	54	1.30	0.0075	0.9926	54	4.60	0.0001	1.0000
55	1.40	0.0153	0.6390	55	1.40	0.0037	0.9963	55	4.80	0.	1.0000
56	1.50	0.0174	0.6565	56	1.50	0.0019	0.9982	56	5.00	0.	1.0000
57	1.60	0.0200	0.6764	57	1.60	0.0006	0.9988	57	5.20	0.	1.0000
58	1.70	0.0200	0.6964	58	1.70	0.0008	0.9995	58	5.40	0.	1.0000
59	1.80	0.0165	0.7129	59	1.80	0.0002	0.9998	59	5.60	0.	1.0000
60	1.90	0.0214	0.7343	60	1.90	0.0002	1.0000	60	5.80	0.	1.0000
61	2.00	0.0224	0.7567	61	2.00	0.	1.0000	61	6.00	0.	1.0000
62	2.10	0.0200	0.7767	62	2.10	0.	1.0000				
63	2.20	0.0207	0.7974	63	2.20	0.	1.0000				
64	2.30	0.0224	0.8198	64	2.30	0.	1.0000				
65	2.40	0.0215	0.8413	65	2.40	0.	1.0000				
66	2.50	0.0207	0.8620	66	2.50	0.	1.0000				
67	2.60	0.0207	0.8827	67	2.60	0.	1.0000				
68	2.70	0.0190	0.9017	68	2.70	0.	1.0000				
69	2.80	0.0196	0.9214	69	2.80	0.	1.0000				
70	2.90	0.0149	0.9363	70	2.90	0.	1.0000				
71	3.00	0.0144	0.9507	71	3.00	0.	1.0000				
72	3.10	0.0120	0.9626	72	3.10	0.	1.0000				
73	3.20	0.0085	0.9711	73	3.20	0.	1.0000				
74	3.30	0.0081	0.9792	74	3.30	0.	1.0000				
75	3.40	0.0057	0.9849	75	3.40	0.	1.0000				
76	3.50	0.0040	0.9889	76	3.50	0.	1.0000				
77	3.60	0.0034	0.9923	77	3.60	0.	1.0000				
78	3.70	0.0021	0.9944	78	3.70	0.	1.0000				
79	3.80	0.0026	0.9970	79	3.80	0.	1.0000				
80	3.90	0.0013	0.9983	80	3.90	0.	1.0000				
81	4.00	0.0011	0.9995	81	4.00	0.	1.0000				

I - INTERVAL NUMBER X - INTERVAL CENTER VALUE

P(X) - PROBABILITY MASS FUNCTION F(X) - CUMULATIVE DISTRIBUTION FUNCTION

MAYPORT FLA.

STATISTICS FOR NOVEMBER

ASTRONOMICAL TIDE

MEAN 0.39 STND DEV 1.65

I	X	P(X)	F(X)
1	-4.00	0.	0.
2	-3.90	0.	0.
3	-3.80	0.	0.
4	-3.70	0.	0.
5	-3.60	0.	0.
6	-3.50	0.	0.
7	-3.40	0.	0.
8	-3.30	0.	0.
9	-3.20	0.	0.
10	-3.10	0.0001	0.0001
11	-3.00	0.0003	0.0003
12	-2.90	0.0011	0.0015
13	-2.80	0.0010	0.0025
14	-2.70	0.0035	0.0060
15	-2.60	0.0034	0.0094
16	-2.50	0.0048	0.0142
17	-2.40	0.0066	0.0208
18	-2.30	0.0072	0.0279
19	-2.20	0.0097	0.0376
20	-2.10	0.0103	0.0477
21	-2.00	0.0135	0.0614
22	-1.90	0.0181	0.0795
23	-1.80	0.0195	0.0990
24	-1.70	0.0242	0.1232
25	-1.60	0.0249	0.1481
26	-1.50	0.0254	0.1735
27	-1.40	0.0249	0.1983
28	-1.30	0.0215	0.2198
29	-1.20	0.0221	0.2419
30	-1.10	0.0251	0.2670
31	-1.00	0.0226	0.2896
32	-0.90	0.0181	0.3076
33	-0.80	0.0169	0.3245
34	-0.70	0.0160	0.3406
35	-0.60	0.0174	0.3580
36	-0.50	0.0179	0.3759
37	-0.40	0.0169	0.3928
38	-0.30	0.0154	0.4082
39	-0.20	0.0134	0.4216
40	-0.10	0.0149	0.4365
41	0.	0.0155	0.4520
42	0.10	0.0140	0.4660
43	0.20	0.0147	0.4808
44	0.30	0.0149	0.4956
45	0.40	0.0142	0.5098
46	0.50	0.0151	0.5249
47	0.60	0.0145	0.5394
48	0.70	0.0150	0.5544
49	0.80	0.0142	0.5686
50	0.90	0.0169	0.5855
51	1.00	0.0150	0.6005
52	1.10	0.0169	0.6174
53	1.20	0.0157	0.6331
54	1.30	0.0150	0.6481
55	1.40	0.0169	0.6651
56	1.50	0.0181	0.6832
57	1.60	0.0204	0.7036
58	1.70	0.0233	0.7269
59	1.80	0.0194	0.7463
60	1.90	0.0217	0.7680
61	2.00	0.0244	0.7924
62	2.10	0.0233	0.8157
63	2.20	0.0230	0.8387
64	2.30	0.0221	0.8608
65	2.40	0.0209	0.8817
66	2.50	0.0198	0.9015
67	2.60	0.0154	0.9169
68	2.70	0.0150	0.9319
69	2.80	0.0136	0.9455
70	2.90	0.0115	0.9570
71	3.00	0.0090	0.9660
72	3.10	0.0079	0.9739
73	3.20	0.0047	0.9785
74	3.30	0.0053	0.9838
75	3.40	0.0028	0.9867
76	3.50	0.0035	0.9902
77	3.60	0.0033	0.9935
78	3.70	0.0022	0.9957
79	3.80	0.0019	0.9976
80	3.90	0.0015	0.9991
81	4.00	0.0006	0.9997

STORM SURGE

MEAN-0.08 STND DEV 0.45

I	X	P(X)	F(X)
1	-4.00	0.	0.
2	-3.90	0.	0.
3	-3.80	0.	0.
4	-3.70	0.	0.
5	-3.60	0.	0.
6	-3.50	0.	0.
7	-3.40	0.	0.
8	-3.30	0.	0.
9	-3.20	0.	0.
10	-3.10	0.	0.
11	-3.00	0.	0.
12	-2.90	0.	0.
13	-2.80	0.	0.
14	-2.70	0.	0.
15	-2.60	0.	0.
16	-2.50	0.	0.
17	-2.40	0.	0.
18	-2.30	0.	0.
19	-2.20	0.	0.
20	-2.10	0.	0.
21	-2.00	0.	0.
22	-1.90	0.0001	0.0001
23	-1.80	0.0001	0.0001
24	-1.70	0.0004	0.0006
25	-1.60	0.0006	0.0012
26	-1.50	0.0007	0.0019
27	-1.40	0.0013	0.0032
28	-1.30	0.0030	0.0062
29	-1.20	0.0036	0.0099
30	-1.10	0.0042	0.0140
31	-1.00	0.0092	0.0233
32	-0.90	0.0131	0.0364
33	-0.80	0.0206	0.0570
34	-0.70	0.0337	0.0907
35	-0.60	0.0465	0.1372
36	-0.50	0.0547	0.1918
37	-0.40	0.0707	0.2626
38	-0.30	0.0841	0.3467
39	-0.20	0.0936	0.4403
40	-0.10	0.0988	0.5391
41	0.	0.0928	0.6318
42	0.10	0.0833	0.7152
43	0.20	0.0677	0.7829
44	0.30	0.0556	0.8385
45	0.40	0.0417	0.8802
46	0.50	0.0337	0.9139
47	0.60	0.0264	0.9404
48	0.70	0.0202	0.9606
49	0.80	0.0145	0.9750
50	0.90	0.0106	0.9857
51	1.00	0.0057	0.9913
52	1.10	0.0042	0.9955
53	1.20	0.0024	0.9980
54	1.30	0.0011	0.9991
55	1.40	0.0006	0.9997
56	1.50	0.0001	0.9999
57	1.60	0.0001	1.0000
58	1.70	0.	1.0000
59	1.80	0.	1.0000
60	1.90	0.	1.0000
61	2.00	0.	1.0000
62	2.10	0.	1.0000
63	2.20	0.	1.0000
64	2.30	0.	1.0000
65	2.40	0.	1.0000
66	2.50	0.	1.0000
67	2.60	0.	1.0000
68	2.70	0.	1.0000
69	2.80	0.	1.0000
70	2.90	0.	1.0000
71	3.00	0.	1.0000
72	3.10	0.	1.0000
73	3.20	0.	1.0000
74	3.30	0.	1.0000
75	3.40	0.	1.0000
76	3.50	0.	1.0000
77	3.60	0.	1.0000
78	3.70	0.	1.0000
79	3.80	0.	1.0000
80	3.90	0.	1.0000
81	4.00	0.	1.0000

TOTAL WATER LEVEL

MEAN 0.31 STND DEV 1.72

I	X	P(X)	F(X)
1	-6.00	0.	0.
2	-5.80	0.	0.
3	-5.60	0.	0.
4	-5.40	0.	0.
5	-5.20	0.	0.
6	-5.00	0.	0.
7	-4.80	0.	0.
8	-4.60	0.	0.
9	-4.40	0.	0.
10	-4.20	0.	0.
11	-4.00	0.0001	0.0001
12	-3.80	0.0003	0.0004
13	-3.60	0.0004	0.0008
14	-3.40	0.0014	0.0022
15	-3.20	0.0021	0.0043
16	-3.00	0.0045	0.0089
17	-2.80	0.0099	0.0187
18	-2.60	0.0144	0.0331
19	-2.40	0.0194	0.0526
20	-2.20	0.0270	0.0796
21	-2.00	0.0315	0.1111
22	-1.80	0.0359	0.1470
23	-1.60	0.0408	0.1877
24	-1.40	0.0407	0.2284
25	-1.20	0.0408	0.2692
26	-1.00	0.0358	0.3049
27	-0.80	0.0361	0.3411
28	-0.60	0.0307	0.3718
29	-0.40	0.0331	0.4049
30	-0.20	0.0304	0.4353
31	0.	0.0308	0.4661
32	0.20	0.0290	0.4951
33	0.40	0.0286	0.5237
34	0.60	0.0309	0.5546
35	0.80	0.0302	0.5848
36	1.00	0.0335	0.6183
37	1.20	0.0343	0.6526
38	1.40	0.0357	0.6883
39	1.60	0.0396	0.7279
40	1.80	0.0418	0.7697
41	2.00	0.0424	0.8121
42	2.20	0.0415	0.8536
43	2.40	0.0389	0.8925
44	2.60	0.0324	0.9249
45	2.80	0.0256	0.9505
46	3.00	0.0169	0.9673
47	3.20	0.0123	0.9797
48	3.40	0.0090	0.9886
49	3.60	0.0066	0.9952
50	3.80	0.0029	0.9980
51	4.00	0.0012	0.9992
52	4.20	0.0003	0.9995
53	4.40	0.0004	0.9999
54	4.60	0.0001	1.0000
55	4.80	0.	1.0000
56	5.00	0.	1.0000
57	5.20	0.	1.0000
58	5.40	0.	1.0000
59	5.60	0.	1.0000
60	5.80	0.	1.0000
61	6.00	0.	1.0000

I - INTERVAL NUMBER X - INTERVAL CENTER VALUE

P(X) - PROBABILITY MASS FUNCTION F(X) - CUMULATIVE DISTRIBUTION FUNCTION

MAYPORT FLA.

STATISTICS FOR DECEMBER

ASTRONOMICAL TIDE				STORM SURGE				TOTAL WATER LEVEL			
MEAN 0.03		STND DEV 1.65		MEAN-0.10		STND DEV 0.48		MEAN-0.07		STND DEV 1.71	
I	X	P(X)	F(X)	I	X	P(X)	F(X)	I	X	P(X)	F(X)
1	-4.00	0.	0.	1	-4.00	0.	0.	1	-6.00	0.	0.
2	-3.90	0.	0.	2	-3.90	0.	0.	2	-5.80	0.	0.
3	-3.80	0.	0.	3	-3.80	0.	0.	3	-5.60	0.	0.
4	-3.70	0.	0.	4	-3.70	0.	0.	4	-5.40	0.	0.
5	-3.60	0.	0.	5	-3.60	0.	0.	5	-5.20	0.	0.
6	-3.50	0.	0.	6	-3.50	0.	0.	6	-5.00	0.	0.
7	-3.40	0.0001	0.0001	7	-3.40	0.	0.	7	-4.80	0.	0.
8	-3.30	0.0003	0.0005	8	-3.30	0.	0.	8	-4.60	0.	0.
9	-3.20	0.0005	0.0010	9	-3.20	0.	0.	9	-4.40	0.	0.
10	-3.10	0.0021	0.0031	10	-3.10	0.	0.	10	-4.20	0.	0.
11	-3.00	0.0030	0.0061	11	-3.00	0.	0.	11	-4.00	0.0003	0.0003
12	-2.90	0.0033	0.0094	12	-2.90	0.	0.	12	-3.80	0.0007	0.0010
13	-2.80	0.0052	0.0147	13	-2.80	0.	0.	13	-3.60	0.0020	0.0030
14	-2.70	0.0064	0.0211	14	-2.70	0.	0.	14	-3.40	0.0045	0.0075
15	-2.60	0.0085	0.0296	15	-2.60	0.	0.	15	-3.20	0.0084	0.0159
16	-2.50	0.0095	0.0392	16	-2.50	0.	0.	16	-3.00	0.0116	0.0275
17	-2.40	0.0145	0.0536	17	-2.40	0.	0.	17	-2.80	0.0211	0.0486
18	-2.30	0.0155	0.0691	18	-2.30	0.	0.	18	-2.60	0.0283	0.0769
19	-2.20	0.0192	0.0883	19	-2.20	0.	0.	19	-2.40	0.0315	0.1084
20	-2.10	0.0241	0.1124	20	-2.10	0.	0.	20	-2.20	0.0340	0.1423
21	-2.00	0.0233	0.1356	21	-2.00	0.0001	0.0001	21	-2.00	0.0393	0.1816
22	-1.90	0.0275	0.1632	22	-1.90	0.0002	0.0003	22	-1.80	0.0388	0.2204
23	-1.80	0.0259	0.1891	23	-1.80	0.0001	0.0003	23	-1.60	0.0415	0.2618
24	-1.70	0.0230	0.2121	24	-1.70	0.0002	0.0005	24	-1.40	0.0381	0.3000
25	-1.60	0.0243	0.2364	25	-1.60	0.0010	0.0016	25	-1.20	0.0359	0.3358
26	-1.50	0.0236	0.2600	26	-1.50	0.0018	0.0034	26	-1.00	0.0332	0.3690
27	-1.40	0.0226	0.2825	27	-1.40	0.0030	0.0064	27	-0.80	0.0319	0.4009
28	-1.30	0.0175	0.3001	28	-1.30	0.0041	0.0105	28	-0.60	0.0310	0.4319
29	-1.20	0.0185	0.3186	29	-1.20	0.0051	0.0156	29	-0.40	0.0308	0.4627
30	-1.10	0.0159	0.3345	30	-1.10	0.0092	0.0248	30	-0.20	0.0279	0.4906
31	-1.00	0.0175	0.3520	31	-1.00	0.0122	0.0370	31	0.	0.0308	0.5214
32	-0.90	0.0185	0.3705	32	-0.90	0.0168	0.0538	32	0.20	0.0327	0.5541
33	-0.80	0.0155	0.3860	33	-0.80	0.0233	0.0770	33	0.40	0.0295	0.5836
34	-0.70	0.0147	0.4007	34	-0.70	0.0348	0.1118	34	0.60	0.0308	0.6145
35	-0.60	0.0149	0.4156	35	-0.60	0.0472	0.1590	35	0.80	0.0368	0.6512
36	-0.50	0.0136	0.4292	36	-0.50	0.0623	0.2215	36	1.00	0.0375	0.6887
37	-0.40	0.0153	0.4445	37	-0.40	0.0753	0.2968	37	1.20	0.0412	0.7299
38	-0.30	0.0156	0.4601	38	-0.30	0.0868	0.3836	38	1.40	0.0439	0.7738
39	-0.20	0.0155	0.4756	39	-0.20	0.0827	0.4663	39	1.60	0.0400	0.8139
40	-0.10	0.0155	0.4911	40	-0.10	0.0829	0.5492	40	1.80	0.0430	0.8569
41	0.	0.0140	0.5052	41	0.	0.0881	0.6372	41	2.00	0.0335	0.8904
42	0.10	0.0139	0.5191	42	0.10	0.0770	0.7142	42	2.20	0.0289	0.9194
43	0.20	0.0145	0.5336	43	0.20	0.0696	0.7838	43	2.40	0.0241	0.9435
44	0.30	0.0145	0.5481	44	0.30	0.0582	0.8420	44	2.60	0.0197	0.9632
45	0.40	0.0143	0.5624	45	0.40	0.0431	0.8852	45	2.80	0.0131	0.9763
46	0.50	0.0157	0.5781	46	0.50	0.0327	0.9179	46	3.00	0.0096	0.9859
47	0.60	0.0161	0.5941	47	0.60	0.0237	0.9416	47	3.20	0.0065	0.9924
48	0.70	0.0160	0.6102	48	0.70	0.0181	0.9596	48	3.40	0.0040	0.9964
49	0.80	0.0144	0.6245	49	0.80	0.0111	0.9707	49	3.60	0.0018	0.9982
50	0.90	0.0164	0.6409	50	0.90	0.0080	0.9788	50	3.80	0.0010	0.9993
51	1.00	0.0162	0.6571	51	1.00	0.0055	0.9842	51	4.00	0.0004	0.9997
52	1.10	0.0176	0.6747	52	1.10	0.0043	0.9886	52	4.20	0.0003	0.9999
53	1.20	0.0202	0.6950	53	1.20	0.0038	0.9924	53	4.40	0.0001	1.0000
54	1.30	0.0193	0.7143	54	1.30	0.0027	0.9951	54	4.60	0.	1.0000
55	1.40	0.0207	0.7350	55	1.40	0.0018	0.9968	55	4.80	0.	1.0000
56	1.50	0.0226	0.7577	56	1.50	0.0015	0.9983	56	5.00	0.	1.0000
57	1.60	0.0240	0.7816	57	1.60	0.0007	0.9990	57	5.20	0.	1.0000
58	1.70	0.0271	0.8088	58	1.70	0.0002	0.9992	58	5.40	0.	1.0000
59	1.80	0.0245	0.8333	59	1.80	0.0005	0.9997	59	5.60	0.	1.0000
60	1.90	0.0204	0.8536	60	1.90	0.0001	0.9997	60	5.80	0.	1.0000
61	2.00	0.0199	0.8735	61	2.00	0.0001	0.9999	61	6.00	0.	1.0000
62	2.10	0.0201	0.8936	62	2.10	0.0001	0.9999				
63	2.20	0.0172	0.9108	63	2.20	0.0001	1.0000				
64	2.30	0.0148	0.9256	64	2.30	0.	1.0000				
65	2.40	0.0137	0.9393	65	2.40	0.	1.0000				
66	2.50	0.0124	0.9517	66	2.50	0.	1.0000				
67	2.60	0.0095	0.9612	67	2.60	0.	1.0000				
68	2.70	0.0080	0.6691	68	2.70	0.	1.0000				
69	2.80	0.0067	0.9759	69	2.80	0.	1.0000				
70	2.90	0.0059	0.9818	70	2.90	0.	1.0000				
71	3.00	0.0042	0.9860	71	3.00	0.	1.0000				
72	3.10	0.0034	0.9894	72	3.10	0.	1.0000				
73	3.20	0.0033	0.9927	73	3.20	0.	1.0000				
74	3.30	0.0030	0.9956	74	3.30	0.	1.0000				
75	3.40	0.0015	0.9971	75	3.40	0.	1.0000				
76	3.50	0.0013	0.9984	76	3.50	0.	1.0000				
77	3.60	0.0010	0.9994	77	3.60	0.	1.0000				
78	3.70	0.0005	0.9999	78	3.70	0.	1.0000				
79	3.80	0.	0.9999	79	3.80	0.	1.0000				
80	3.90	0.0001	1.0000	80	3.90	0.	1.0000				
81	4.00	0.	1.0000	81	4.00	0.	1.0000				

I - INTERVAL NUMBER X - INTERVAL CENTER VALUE

P(X) - PROBABILITY MASS FUNCTION F(X) - CUMULATIVE DISTRIBUTION FUNCTION

MIAMI BEACH FLA.

YEARLY STATISTICS

ASTRONOMICAL TIDE MEAN 0.00 STND DEV 0.96				STORM SURGE MEAN 0.00 STND DEV 0.29				TOTAL WATER LEVEL MEAN 0.01 STND DEV 0.99			
I	X	P(X)	F(X)	I	X	P(X)	F(X)	I	X	P(X)	F(X)
1	-4.00	0.	0.	1	-4.00	0.	0.	1	-6.00	0.	0.
2	-3.90	0.	0.	2	-3.90	0.	0.	2	-5.80	0.	0.
3	-3.80	0.	0.	3	-3.80	0.	0.	3	-5.60	0.	0.
4	-3.70	0.	0.	4	-3.70	0.	0.	4	-5.40	0.	0.
5	-3.60	0.	0.	5	-3.60	0.	0.	5	-5.20	0.	0.
6	-3.50	0.	0.	6	-3.50	0.	0.	6	-5.00	0.	0.
7	-3.40	0.	0.	7	-3.40	0.	0.	7	-4.80	0.	0.
8	-3.30	0.	0.	8	-3.30	0.	0.	8	-4.60	0.	0.
9	-3.20	0.	0.	9	-3.20	0.	0.	9	-4.40	0.	0.
10	-3.10	0.	0.	10	-3.10	0.	0.	10	-4.20	0.	0.
11	-3.00	0.	0.	11	-3.00	0.	0.	11	-4.00	0.	0.
12	-2.90	0.	0.	12	-2.90	0.	0.	12	-3.80	0.	0.
13	-2.80	0.	0.	13	-2.80	0.	0.	13	-3.60	0.	0.
14	-2.70	0.	0.	14	-2.70	0.	0.	14	-3.40	0.	0.
15	-2.60	0.	0.	15	-2.60	0.	0.	15	-3.20	0.	0.
16	-2.50	0.	0.	16	-2.50	0.	0.	16	-3.00	0.	0.
17	-2.40	0.	0.	17	-2.40	0.	0.	17	-2.80	0.0002	0.0002
18	-2.30	0.0000	0.0000	18	-2.30	0.	0.	18	-2.60	0.0006	0.0007
19	-2.20	0.0003	0.0004	19	-2.20	0.	0.	19	-2.40	0.0015	0.0022
20	-2.10	0.0016	0.0020	20	-2.10	0.	0.	20	-2.20	0.0030	0.0052
21	-2.00	0.0026	0.0046	21	-2.00	0.	0.	21	-2.00	0.0073	0.0125
22	-1.90	0.0045	0.0091	22	-1.90	0.	0.	22	-1.80	0.0164	0.0289
23	-1.80	0.0065	0.0156	23	-1.80	0.	0.	23	-1.60	0.0278	0.0567
24	-1.70	0.0095	0.0251	24	-1.70	0.	0.	24	-1.40	0.0427	0.0994
25	-1.60	0.0136	0.0387	25	-1.60	0.	0.	25	-1.20	0.0535	0.1529
26	-1.50	0.0190	0.0576	26	-1.50	0.0000	0.0000	26	-1.00	0.0665	0.2194
27	-1.40	0.0215	0.0792	27	-1.40	0.0000	0.0001	27	-0.80	0.0668	0.2862
28	-1.30	0.0265	0.1056	28	-1.30	0.0000	0.0001	28	-0.60	0.0632	0.3495
29	-1.20	0.0303	0.1359	29	-1.20	0.	0.0001	29	-0.40	0.0590	0.4085
30	-1.10	0.0331	0.1690	30	-1.10	0.0001	0.0002	30	-0.20	0.0560	0.4645
31	-1.00	0.0349	0.2039	31	-1.00	0.0006	0.0008	31	0.	0.0570	0.5215
32	-0.90	0.0344	0.2383	32	-0.90	0.0023	0.0031	32	0.20	0.0567	0.5782
33	-0.80	0.0335	0.2717	33	-0.80	0.0053	0.0084	33	0.40	0.0605	0.6386
34	-0.70	0.0338	0.3055	34	-0.70	0.0087	0.0171	34	0.60	0.0672	0.7058
35	-0.60	0.0333	0.3389	35	-0.60	0.0139	0.0311	35	0.80	0.0737	0.7795
36	-0.50	0.0315	0.3704	36	-0.50	0.0242	0.0553	36	1.00	0.0687	0.8482
37	-0.40	0.0299	0.4003	37	-0.40	0.0468	0.1021	37	1.20	0.0568	0.9050
38	-0.30	0.0286	0.4289	38	-0.30	0.0793	0.1815	38	1.40	0.0413	0.9463
39	-0.20	0.0281	0.4570	39	-0.20	0.1147	0.2962	39	1.60	0.0267	0.9730
40	-0.10	0.0272	0.4841	40	-0.10	0.1335	0.4297	40	1.80	0.0143	0.9873
41	0.	0.0279	0.5121	41	0.	0.1355	0.5652	41	2.00	0.0074	0.9947
42	0.10	0.0264	0.5384	42	0.10	0.1330	0.6982	42	2.20	0.0034	0.9980
43	0.20	0.0279	0.5663	43	0.20	0.1102	0.8083	43	2.40	0.0014	0.9994
44	0.30	0.0275	0.5938	44	0.30	0.0778	0.8862	44	2.60	0.0005	0.9999
45	0.40	0.0301	0.6239	45	0.40	0.0525	0.9387	45	2.80	0.0001	1.0000
46	0.50	0.0316	0.6555	46	0.50	0.0335	0.9722	46	3.00	0.	1.0000
47	0.60	0.0336	0.6891	47	0.60	0.0158	0.9879	47	3.20	0.	1.0000
48	0.70	0.0356	0.7247	48	0.70	0.0071	0.9950	48	3.40	0.	1.0000
49	0.80	0.0377	0.7624	49	0.80	0.0028	0.9978	49	3.60	0.	1.0000
50	0.90	0.0384	0.8008	50	0.90	0.0013	0.9991	50	3.80	0.	1.0000
51	1.00	0.0368	0.8376	51	1.00	0.0004	0.9995	51	4.00	0.	1.0000
52	1.10	0.0331	0.8707	52	1.10	0.0003	0.9998	52	4.20	0.	1.0000
53	1.20	0.0299	0.9006	53	1.20	0.0001	0.9999	53	4.40	0.	1.0000
54	1.30	0.0246	0.9252	54	1.30	0.0000	0.9999	54	4.60	0.	1.0000
55	1.40	0.0204	0.9456	55	1.40	0.0000	0.9999	55	4.80	0.	1.0000
56	1.50	0.0162	0.9618	56	1.50	0.0000	1.0000	56	5.00	0.	1.0000
57	1.60	0.0130	0.9748	57	1.60	0.0000	1.0000	57	5.20	0.	1.0000
58	1.70	0.0087	0.9835	58	1.70	0.	1.0000	58	5.40	0.	1.0000
59	1.80	0.0063	0.9898	59	1.80	0.	1.0000	59	5.60	0.	1.0000
60	1.90	0.0041	0.9939	60	1.90	0.	1.0000	60	5.80	0.	1.0000
61	2.00	0.0024	0.9963	61	2.00	0.	1.0000	61	6.00	0.	1.0000
62	2.10	0.0019	0.9982	62	2.10	0.	1.0000				
63	2.20	0.0009	0.9991	63	2.20	0.	1.0000				
64	2.30	0.0007	0.9998	64	2.30	0.	1.0000				
65	2.40	0.0002	0.9999	65	2.40	0.	1.0000				
66	2.50	0.0001	1.0000	66	2.50	0.	1.0000				
67	2.60	0.	1.0000	67	2.60	0.	1.0000				
68	2.70	0.	1.0000	68	2.70	0.	1.0000				
69	2.80	0.	1.0000	69	2.80	0.	1.0000				
70	2.90	0.	1.0000	70	2.90	0.	1.0000				
71	3.00	0.	1.0000	71	3.00	0.	1.0000				
72	3.10	0.	1.0000	72	3.10	0.	1.0000				
73	3.20	0.	1.0000	73	3.20	0.	1.0000				
74	3.30	0.	1.0000	74	3.30	0.	1.0000				
75	3.40	0.	1.0000	75	3.40	0.	1.0000				
76	3.50	0.	1.0000	76	3.50	0.	1.0000				
77	3.60	0.	1.0000	77	3.60	0.	1.0000				
78	3.70	0.	1.0000	78	3.70	0.	1.0000				
79	3.80	0.	1.0000	79	3.80	0.	1.0000				
80	3.90	0.	1.0000	80	3.90	0.	1.0000				
81	4.00	0.	1.0000	81	4.00	0.	1.0000				

I - INTERVAL NUMBER X - INTERVAL CENTER VALUE

P(X) - PROBABILITY MASS FUNCTION F(X) - CUMULATIVE DISTRIBUTION FUNCTION

MIAMI BEACH FLA.

STATISTICS FOR JANUARY

ASTRONOMICAL TIDE				STORM SURGE				TOTAL WATER LEVEL			
MEAN-0.22		STND DEV 0.92		MEAN 0.07		STND DEV 0.28		MEAN-0.15		STND DEV 0.96	
I	X	P(X)	F(X)	I	X	P(X)	F(X)	I	X	P(X)	F(X)
1	-4.00	0.	0.	1	-4.00	0.	0.	1	-6.00	0.	0.
2	-3.90	0.	0.	2	-3.90	0.	0.	2	-5.80	0.	0.
3	-3.80	0.	0.	3	-3.80	0.	0.	3	-5.60	0.	0.
4	-3.70	0.	0.	4	-3.70	0.	0.	4	-5.40	0.	0.
5	-3.60	0.	0.	5	-3.60	0.	0.	5	-5.20	0.	0.
6	-3.50	0.	0.	6	-3.50	0.	0.	6	-5.00	0.	0.
7	-3.40	0.	0.	7	-3.40	0.	0.	7	-4.80	0.	0.
8	-3.30	0.	0.	8	-3.30	0.	0.	8	-4.60	0.	0.
9	-3.20	0.	0.	9	-3.20	0.	0.	9	-4.40	0.	0.
10	-3.10	0.	0.	10	-3.10	0.	0.	10	-4.20	0.	0.
11	-3.00	0.	0.	11	-3.00	0.	0.	11	-4.00	0.	0.
12	-2.90	0.	0.	12	-2.90	0.	0.	12	-3.80	0.	0.
13	-2.80	0.	0.	13	-2.80	0.	0.	13	-3.60	0.	0.
14	-2.70	0.	0.	14	-2.70	0.	0.	14	-3.40	0.	0.
15	-2.60	0.	0.	15	-2.60	0.	0.	15	-3.20	0.	0.
16	-2.50	0.	0.	16	-2.50	0.	0.	16	-3.00	0.	0.
17	-2.40	0.	0.	17	-2.40	0.	0.	17	-2.80	0.	0.
18	-2.30	0.	0.	18	-2.30	0.	0.	18	-2.60	0.0013	0.0013
19	-2.20	0.0006	0.0006	19	-2.20	0.	0.	19	-2.40	0.0021	0.0035
20	-2.10	0.0035	0.0040	20	-2.10	0.	0.	20	-2.20	0.0029	0.0063
21	-2.00	0.0052	0.0092	21	-2.00	0.	0.	21	-2.00	0.0115	0.0179
22	-1.90	0.0065	0.0158	22	-1.90	0.	0.	22	-1.80	0.0232	0.0411
23	-1.80	0.0127	0.0284	23	-1.80	0.	0.	23	-1.60	0.0399	0.0810
24	-1.70	0.0152	0.0436	24	-1.70	0.	0.	24	-1.40	0.0570	0.1381
25	-1.60	0.0238	0.0674	25	-1.60	0.	0.	25	-1.20	0.0624	0.2005
26	-1.50	0.0296	0.0970	26	-1.50	0.	0.	26	-1.00	0.0708	0.2713
27	-1.40	0.0321	0.1290	27	-1.40	0.	0.	27	-0.80	0.0676	0.3389
28	-1.30	0.0382	0.1672	28	-1.30	0.	0.	28	-0.60	0.0563	0.3952
29	-1.20	0.0384	0.2056	29	-1.20	0.	0.	29	-0.40	0.0572	0.4524
30	-1.10	0.0384	0.2440	30	-1.10	0.	0.	30	-0.20	0.0536	0.5059
31	-1.00	0.0380	0.2821	31	-1.00	0.	0.	31	0.	0.0624	0.5684
32	-0.90	0.0330	0.3151	32	-0.90	0.	0.	32	0.20	0.0574	0.6258
33	-0.80	0.0330	0.3481	33	-0.80	0.	0.	33	0.40	0.0659	0.6916
34	-0.70	0.0315	0.3796	34	-0.70	0.0002	0.0002	34	0.60	0.0776	0.7692
35	-0.60	0.0296	0.4092	35	-0.60	0.0042	0.0044	35	0.80	0.0666	0.8358
36	-0.50	0.0292	0.4384	36	-0.50	0.0158	0.0202	36	1.00	0.0636	0.8994
37	-0.40	0.0254	0.4637	37	-0.40	0.0401	0.0603	37	1.20	0.0476	0.9470
38	-0.30	0.0290	0.4927	38	-0.30	0.0647	0.1250	38	1.40	0.0294	0.9764
39	-0.20	0.0230	0.5157	39	-0.20	0.1056	0.2306	39	1.60	0.0152	0.9915
40	-0.10	0.0254	0.5411	40	-0.10	0.1319	0.3625	40	1.80	0.0069	0.9985
41	0.	0.0280	0.5691	41	0.	0.1432	0.5058	41	2.00	0.0013	0.9998
42	0.10	0.0334	0.6025	42	0.10	0.1279	0.6336	42	2.20	0.0002	1.0000
43	0.20	0.0273	0.6298	43	0.20	0.1089	0.7425	43	2.40	0.	1.0000
44	0.30	0.0244	0.6542	44	0.30	0.0877	0.8303	44	2.60	0.	1.0000
45	0.40	0.0338	0.6880	45	0.40	0.0669	0.8969	45	2.80	0.	1.0000
46	0.50	0.0388	0.7268	46	0.50	0.0553	0.9522	46	3.00	0.	1.0000
47	0.60	0.0420	0.7688	47	0.60	0.0271	0.9793	47	3.20	0.	1.0000
48	0.70	0.0403	0.8091	48	0.70	0.0146	0.9939	48	3.40	0.	1.0000
49	0.80	0.0376	0.8468	49	0.80	0.0052	0.9990	49	3.60	0.	1.0000
50	0.90	0.0409	0.8877	50	0.90	0.0008	0.9998	50	3.80	0.	1.0000
51	1.00	0.0338	0.9215	51	1.00	0.0002	1.0000	51	4.00	0.	1.0000
52	1.10	0.0284	0.9499	52	1.10	0.	1.0000	52	4.20	0.	1.0000
53	1.20	0.0215	0.9714	53	1.20	0.	1.0000	53	4.40	0.	1.0000
54	1.30	0.0125	0.9839	54	1.30	0.	1.0000	54	4.60	0.	1.0000
55	1.40	0.0083	0.9921	55	1.40	0.	1.0000	55	4.80	0.	1.0000
56	1.50	0.0054	0.9975	56	1.50	0.	1.0000	56	5.00	0.	1.0000
57	1.60	0.0019	0.9994	57	1.60	0.	1.0000	57	5.20	0.	1.0000
58	1.70	0.0006	1.0000	58	1.70	0.	1.0000	58	5.40	0.	1.0000
59	1.80	0.	1.0000	59	1.80	0.	1.0000	59	5.60	0.	1.0000
60	1.90	0.	1.0000	60	1.90	0.	1.0000	60	5.80	0.	1.0000
61	2.00	0.	1.0000	61	2.00	0.	1.0000	61	6.00	0.	1.0000
62	2.10	0.	1.0000	62	2.10	0.	1.0000				
63	2.20	0.	1.0000	63	2.20	0.	1.0000				
64	2.30	0.	1.0000	64	2.30	0.	1.0000				
65	2.40	0.	1.0000	65	2.40	0.	1.0000				
66	2.50	0.	1.0000	66	2.50	0.	1.0000				
67	2.60	0.	1.0000	67	2.60	0.	1.0000				
68	2.70	0.	1.0000	68	2.70	0.	1.0000				
69	2.80	0.	1.0000	69	2.80	0.	1.0000				
70	2.90	0.	1.0000	70	2.90	0.	1.0000				
71	3.00	0.	1.0000	71	3.00	0.	1.0000				
72	3.10	0.	1.0000	72	3.10	0.	1.0000				
73	3.20	0.	1.0000	73	3.20	0.	1.0000				
74	3.30	0.	1.0000	74	3.30	0.	1.0000				
75	3.40	0.	1.0000	75	3.40	0.	1.0000				
76	3.50	0.	1.0000	76	3.50	0.	1.0000				
77	3.60	0.	1.0000	77	3.60	0.	1.0000				
78	3.70	0.	1.0000	78	3.70	0.	1.0000				
79	3.80	0.	1.0000	79	3.80	0.	1.0000				
80	3.90	0.	1.0000	80	3.90	0.	1.0000				
81	4.00	0.	1.0000	81	4.00	0.	1.0000				

I - INTERVAL NUMBER X - INTERVAL CENTER VALUE

P(X) - PROBABILITY MASS FUNCTION F(X) - CUMULATIVE DISTRIBUTION FUNCTION

MIAMI BEACH FLA.

STATISTICS FOR FEBRUARY

ASTRONOMICAL TIDE				STORM SURGE				TOTAL WATER LEVEL			
MEAN-0.32		STND DEV 0.93		MEAN 0.19		STND DEV 0.30		MEAN-0.13		STND DEV 0.97	
I	X	P(X)	F(X)	I	X	P(X)	F(X)	I	X	P(X)	F(X)
1	-4.00	0.	0.	1	-4.00	0.	0.	1	-6.00	0.	0.
2	-3.90	0.	0.	2	-3.90	0.	0.	2	-5.80	0.	0.
3	-3.80	0.	0.	3	-3.80	0.	0.	3	-5.60	0.	0.
4	-3.70	0.	0.	4	-3.70	0.	0.	4	-5.40	0.	0.
5	-3.60	0.	0.	5	-3.60	0.	0.	5	-5.20	0.	0.
6	-3.50	0.	0.	6	-3.50	0.	0.	6	-5.00	0.	0.
7	-3.40	0.	0.	7	-3.40	0.	0.	7	-4.80	0.	0.
8	-3.30	0.	0.	8	-3.30	0.	0.	8	-4.60	0.	0.
9	-3.20	0.	0.	9	-3.20	0.	0.	9	-4.40	0.	0.
10	-3.10	0.	0.	10	-3.10	0.	0.	10	-4.20	0.	0.
11	-3.00	0.	0.	11	-3.00	0.	0.	11	-4.00	0.	0.
12	-2.90	0.	0.	12	-2.90	0.	0.	12	-3.80	0.	0.
13	-2.80	0.	0.	13	-2.80	0.	0.	13	-3.60	0.	0.
14	-2.70	0.	0.	14	-2.70	0.	0.	14	-3.40	0.	0.
15	-2.60	0.	0.	15	-2.60	0.	0.	15	-3.20	0.	0.
16	-2.50	0.	0.	16	-2.50	0.	0.	16	-3.00	0.	0.
17	-2.40	0.	0.	17	-2.40	0.	0.	17	-2.80	0.	0.
18	-2.30	0.0004	0.0004	18	-2.30	0.	0.	18	-2.60	0.0005	0.0005
19	-2.20	0.0023	0.0027	19	-2.20	0.	0.	19	-2.40	0.0007	0.0012
20	-2.10	0.0038	0.0065	20	-2.10	0.	0.	20	-2.20	0.0037	0.0049
21	-2.00	0.0080	0.0145	21	-2.00	0.	0.	21	-2.00	0.0093	0.0142
22	-1.90	0.0128	0.0274	22	-1.90	0.	0.	22	-1.80	0.0286	0.0428
23	-1.80	0.0183	0.0457	23	-1.80	0.	0.	23	-1.60	0.0419	0.0847
24	-1.70	0.0255	0.0711	24	-1.70	0.	0.	24	-1.40	0.0528	0.1376
25	-1.60	0.0297	0.1008	25	-1.60	0.	0.	25	-1.20	0.0622	0.1997
26	-1.50	0.0358	0.1366	26	-1.50	0.	0.	26	-1.00	0.0629	0.2626
27	-1.40	0.0335	0.1700	27	-1.40	0.	0.	27	-0.80	0.0633	0.3259
28	-1.30	0.0400	0.2100	28	-1.30	0.	0.	28	-0.60	0.0656	0.3915
29	-1.20	0.0362	0.2462	29	-1.20	0.	0.	29	-0.40	0.0573	0.4488
30	-1.10	0.0351	0.2814	30	-1.10	0.0002	0.0002	30	-0.20	0.0552	0.5040
31	-1.00	0.0358	0.3171	31	-1.00	0.0005	0.0007	31	0.	0.0619	0.5659
32	-0.90	0.0288	0.3460	32	-0.90	0.0007	0.0014	32	0.20	0.0491	0.6150
33	-0.80	0.0332	0.3792	33	-0.80	0.0016	0.0030	33	0.40	0.0663	0.6813
34	-0.70	0.0276	0.4068	34	-0.70	0.0033	0.0063	34	0.60	0.0703	0.7516
35	-0.60	0.0314	0.4381	35	-0.60	0.0044	0.0107	35	0.80	0.0817	0.8333
36	-0.50	0.0261	0.4642	36	-0.50	0.0128	0.0235	36	1.00	0.0668	0.9001
37	-0.40	0.0278	0.4920	37	-0.40	0.0230	0.0466	37	1.20	0.0403	0.9404
38	-0.30	0.0238	0.5158	38	-0.30	0.0296	0.0761	38	1.40	0.0298	0.9702
39	-0.20	0.0282	0.5440	39	-0.20	0.0561	0.1322	39	1.60	0.0165	0.9867
40	-0.10	0.0240	0.5680	40	-0.10	0.0780	0.2102	40	1.80	0.0077	0.9944
41	0.	0.0276	0.5955	41	0.	0.1015	0.3117	41	2.00	0.0049	0.9993
42	0.10	0.0286	0.6242	42	0.10	0.0973	0.4090	42	2.20	0.0007	1.0000
43	0.20	0.0341	0.6582	43	0.20	0.1322	0.5412	43	2.40	0.	1.0000
44	0.30	0.0282	0.6864	44	0.30	0.1634	0.7046	44	2.60	0.	1.0000
45	0.40	0.0331	0.7245	45	0.40	0.1234	0.8280	45	2.80	0.	1.0000
46	0.50	0.0417	0.7662	46	0.50	0.0787	0.9067	46	3.00	0.	1.0000
47	0.60	0.0381	0.8043	47	0.60	0.0563	0.9630	47	3.20	0.	1.0000
48	0.70	0.0400	0.8443	48	0.70	0.0200	0.9830	48	3.40	0.	1.0000
49	0.80	0.0381	0.8824	49	0.80	0.0047	0.9877	49	3.60	0.	1.0000
50	0.90	0.0377	0.9200	50	0.90	0.0061	0.9937	50	3.80	0.	1.0000
51	1.00	0.0269	0.9470	51	1.00	0.0023	0.9960	51	4.00	0.	1.0000
52	1.10	0.0208	0.9678	52	1.10	0.0028	0.9988	52	4.20	0.	1.0000
53	1.20	0.0147	0.9825	53	1.20	0.0012	1.0000	53	4.40	0.	1.0000
54	1.30	0.0080	0.9905	54	1.30	0.	1.0000	54	4.60	0.	1.0000
55	1.40	0.0055	0.9960	55	1.40	0.	1.0000	55	4.80	0.	1.0000
56	1.50	0.0027	0.9987	56	1.50	0.	1.0000	56	5.00	0.	1.0000
57	1.60	0.0013	1.0000	57	1.60	0.	1.0000	57	5.20	0.	1.0000
58	1.70	0.	1.0000	58	1.70	0.	1.0000	58	5.40	0.	1.0000
59	1.80	0.	1.0000	59	1.80	0.	1.0000	59	5.60	0.	1.0000
60	1.90	0.	1.0000	60	1.90	0.	1.0000	60	5.80	0.	1.0000
61	2.00	0.	1.0000	61	2.00	0.	1.0000	61	6.00	0.	1.0000
62	2.10	0.	1.0000	62	2.10	0.	1.0000				
63	2.20	0.	1.0000	63	2.20	0.	1.0000				
64	2.30	0.	1.0000	64	2.30	0.	1.0000				
65	2.40	0.	1.0000	65	2.40	0.	1.0000				
66	2.50	0.	1.0000	66	2.50	0.	1.0000				
67	2.60	0.	1.0000	67	2.60	0.	1.0000				
68	2.70	0.	1.0000	68	2.70	0.	1.0000				
69	2.80	0.	1.0000	69	2.80	0.	1.0000				
70	2.90	0.	1.0000	70	2.90	0.	1.0000				
71	3.00	0.	1.0000	71	3.00	0.	1.0000				
72	3.10	0.	1.0000	72	3.10	0.	1.0000				
73	3.20	0.	1.0000	73	3.20	0.	1.0000				
74	3.30	0.	1.0000	74	3.30	0.	1.0000				
75	3.40	0.	1.0000	75	3.40	0.	1.0000				
76	3.50	0.	1.0000	76	3.50	0.	1.0000				
77	3.60	0.	1.0000	77	3.60	0.	1.0000				
78	3.70	0.	1.0000	78	3.70	0.	1.0000				
79	3.80	0.	1.0000	79	3.80	0.	1.0000				
80	3.90	0.	1.0000	80	3.90	0.	1.0000				
81	4.00	0.	1.0000	81	4.00	0.	1.0000				

I - INTERVAL NUMBER X - INTERVAL CENTER VALUE

P(X) - PROBABILITY MASS FUNCTION F(X) - CUMULATIVE DISTRIBUTION FUNCTION

MIAMI BEACH FLA.

STATISTICS FOR MARCH

ASTRONOMICAL TIDE MEAN-0.23 STND DEV 0.93				STORM SURGE MEAN 0.07 STND DEV 0.27				TOTAL WATER LEVEL MEAN-0.16 STND DEV 0.96			
I	X	P(X)	F(X)	I	X	P(X)	F(X)	I	X	P(X)	F(X)
1	-4.00	0.	0.	1	-4.00	0.	0.	1	-6.00	0.	0.
2	-3.90	0.	0.	2	-3.90	0.	0.	2	-5.80	0.	0.
3	-3.80	0.	0.	3	-3.80	0.	0.	3	-5.60	0.	0.
4	-3.70	0.	0.	4	-3.70	0.	0.	4	-5.40	0.	0.
5	-3.60	0.	0.	5	-3.60	0.	0.	5	-5.20	0.	0.
6	-3.50	0.	0.	6	-3.50	0.	0.	6	-5.00	0.	0.
7	-3.40	0.	0.	7	-3.40	0.	0.	7	-4.80	0.	0.
8	-3.30	0.	0.	8	-3.30	0.	0.	8	-4.60	0.	0.
9	-3.20	0.	0.	9	-3.20	0.	0.	9	-4.40	0.	0.
10	-3.10	0.	0.	10	-3.10	0.	0.	10	-4.20	0.	0.
11	-3.00	0.	0.	11	-3.00	0.	0.	11	-4.00	0.	0.
12	-2.90	0.	0.	12	-2.90	0.	0.	12	-3.80	0.	0.
13	-2.80	0.	0.	13	-2.80	0.	0.	13	-3.60	0.	0.
14	-2.70	0.	0.	14	-2.70	0.	0.	14	-3.40	0.	0.
15	-2.60	0.	0.	15	-2.60	0.	0.	15	-3.20	0.	0.
16	-2.50	0.	0.	16	-2.50	0.	0.	16	-3.00	0.	0.
17	-2.40	0.	0.	17	-2.40	0.	0.	17	-2.80	0.0016	0.0016
18	-2.30	0.	0.	18	-2.30	0.	0.	18	-2.60	0.0027	0.0043
19	-2.20	0.0008	0.0008	19	-2.20	0.	0.	19	-2.40	0.0047	0.0089
20	-2.10	0.0036	0.0044	20	-2.10	0.	0.	20	-2.20	0.0070	0.0159
21	-2.00	0.0061	0.0106	21	-2.00	0.	0.	21	-2.00	0.0095	0.0254
22	-1.90	0.0098	0.0203	22	-1.90	0.	0.	22	-1.80	0.0184	0.0438
23	-1.80	0.0109	0.0313	23	-1.80	0.	0.	23	-1.60	0.0351	0.0789
24	-1.70	0.0161	0.0474	24	-1.70	0.	0.	24	-1.40	0.0545	0.1333
25	-1.60	0.0246	0.0720	25	-1.60	0.	0.	25	-1.20	0.0641	0.1975
26	-1.50	0.0302	0.1021	26	-1.50	0.	0.	26	-1.00	0.0733	0.2707
27	-1.40	0.0344	0.1365	27	-1.40	0.	0.	27	-0.80	0.0643	0.3351
28	-1.30	0.0340	0.1705	28	-1.30	0.	0.	28	-0.60	0.0638	0.3988
29	-1.20	0.0367	0.2072	29	-1.20	0.	0.	29	-0.40	0.0546	0.4535
30	-1.10	0.0392	0.2463	30	-1.10	0.	0.	30	-0.20	0.0562	0.5097
31	-1.00	0.0378	0.2842	31	-1.00	0.	0.	31	0.	0.0546	0.5643
32	-0.90	0.0357	0.3199	32	-0.90	0.0006	0.0006	32	0.20	0.0628	0.6271
33	-0.80	0.0315	0.3514	33	-0.80	0.0017	0.0023	33	0.40	0.0626	0.6897
34	-0.70	0.0326	0.3840	34	-0.70	0.0045	0.0068	34	0.60	0.0766	0.7663
35	-0.60	0.0286	0.4126	35	-0.60	0.0087	0.0155	35	0.80	0.0781	0.8444
36	-0.50	0.0280	0.4407	36	-0.50	0.0143	0.0298	36	1.00	0.0630	0.9074
37	-0.40	0.0242	0.4649	37	-0.40	0.0267	0.0566	37	1.20	0.0436	0.9510
38	-0.30	0.0265	0.4914	38	-0.30	0.0512	0.1078	38	1.40	0.0296	0.9806
39	-0.20	0.0280	0.5194	39	-0.20	0.0938	0.2015	39	1.60	0.0143	0.9950
40	-0.10	0.0271	0.5465	40	-0.10	0.1252	0.3267	40	1.80	0.0043	0.9992
41	0.	0.0286	0.5751	41	0.	0.1450	0.4717	41	2.00	0.0006	0.9998
42	0.10	0.0259	0.6010	42	0.10	0.1519	0.6236	42	2.20	0.0002	1.0000
43	0.20	0.0261	0.6271	43	0.20	0.1349	0.7585	43	2.40	0.	1.0000
44	0.30	0.0340	0.6611	44	0.30	0.0905	0.8490	44	2.60	0.	1.0000
45	0.40	0.0334	0.6945	45	0.40	0.0740	0.9231	45	2.80	0.	1.0000
46	0.50	0.0344	0.7289	46	0.50	0.0477	0.9707	46	3.00	0.	1.0000
47	0.60	0.0444	0.7732	47	0.60	0.0217	0.9924	47	3.20	0.	1.0000
48	0.70	0.0386	0.8118	48	0.70	0.0066	0.9990	48	3.40	0.	1.0000
49	0.80	0.0413	0.8531	49	0.80	0.0010	1.0000	49	3.60	0.	1.0000
50	0.90	0.0386	0.8917	50	0.90	0.	1.0000	50	3.80	0.	1.0000
51	1.00	0.0324	0.9242	51	1.00	0.	1.0000	51	4.00	0.	1.0000
52	1.10	0.0254	0.9495	52	1.10	0.	1.0000	52	4.20	0.	1.0000
53	1.20	0.0182	0.9677	53	1.20	0.	1.0000	53	4.40	0.	1.0000
54	1.30	0.0127	0.9804	54	1.30	0.	1.0000	54	4.60	0.	1.0000
55	1.40	0.0090	0.9894	55	1.40	0.	1.0000	55	4.80	0.	1.0000
56	1.50	0.0052	0.9946	56	1.50	0.	1.0000	56	5.00	0.	1.0000
57	1.60	0.0035	0.9981	57	1.60	0.	1.0000	57	5.20	0.	1.0000
58	1.70	0.0013	0.9994	58	1.70	0.	1.0000	58	5.40	0.	1.0000
59	1.80	0.0006	1.0000	59	1.80	0.	1.0000	59	5.60	0.	1.0000
60	1.90	0.	1.0000	60	1.90	0.	1.0000	60	5.80	0.	1.0000
61	2.00	0.	1.0000	61	2.00	0.	1.0000	61	6.00	0.	1.0000
62	2.10	0.	1.0000	62	2.10	0.	1.0000				
63	2.20	0.	1.0000	63	2.20	0.	1.0000				
64	2.30	0.	1.0000	64	2.30	0.	1.0000				
65	2.40	0.	1.0000	65	2.40	0.	1.0000				
66	2.50	0.	1.0000	66	2.50	0.	1.0000				
67	2.60	0.	1.0000	67	2.60	0.	1.0000				
68	2.70	0.	1.0000	68	2.70	0.	1.0000				
69	2.80	0.	1.0000	69	2.80	0.	1.0000				
70	2.90	0.	1.0000	70	2.90	0.	1.0000				
71	3.00	0.	1.0000	71	3.00	0.	1.0000				
72	3.10	0.	1.0000	72	3.10	0.	1.0000				
73	3.20	0.	1.0000	73	3.20	0.	1.0000				
74	3.30	0.	1.0000	74	3.30	0.	1.0000				
75	3.40	0.	1.0000	75	3.40	0.	1.0000				
76	3.50	0.	1.0000	76	3.50	0.	1.0000				
77	3.60	0.	1.0000	77	3.60	0.	1.0000				
78	3.70	0.	1.0000	78	3.70	0.	1.0000				
79	3.80	0.	1.0000	79	3.80	0.	1.0000				
80	3.90	0.	1.0000	80	3.90	0.	1.0000				
81	4.00	0.	1.0000	81	4.00	0.	1.0000				

I - INTERVAL NUMBER X - INTERVAL CENTER VALUE

P(X) - PROBABILITY MASS FUNCTION F(X) - CUMULATIVE DISTRIBUTION FUNCTION

MIAMI BEACH FLA.

STATISTICS FOR APRIL

ASTRONOMICAL TIDE MEAN-0.10 STND DEV 0.93				STORM SURGE MEAN-0.06 STND DEV 0.26				TOTAL WATER LEVEL MEAN-0.16 STND DEV 0.97			
I	X	P(X)	F(X)	I	X	P(X)	F(X)	I	X	P(X)	F(X)
1	-4.00	0.	0.	1	-4.00	0.	0.	1	-6.00	0.	0.
2	-3.90	0.	0.	2	-3.90	0.	0.	2	-5.80	0.	0.
3	-3.80	0.	0.	3	-3.80	0.	0.	3	-5.60	0.	0.
4	-3.70	0.	0.	4	-3.70	0.	0.	4	-5.40	0.	0.
5	-3.60	0.	0.	5	-3.60	0.	0.	5	-5.20	0.	0.
6	-3.50	0.	0.	6	-3.50	0.	0.	6	-5.00	0.	0.
7	-3.40	0.	0.	7	-3.40	0.	0.	7	-4.80	0.	0.
8	-3.30	0.	0.	8	-3.30	0.	0.	8	-4.60	0.	0.
9	-3.20	0.	0.	9	-3.20	0.	0.	9	-4.40	0.	0.
10	-3.10	0.	0.	10	-3.10	0.	0.	10	-4.20	0.	0.
11	-3.00	0.	0.	11	-3.00	0.	0.	11	-4.00	0.	0.
12	-2.90	0.	0.	12	-2.90	0.	0.	12	-3.80	0.	0.
13	-2.80	0.	0.	13	-2.80	0.	0.	13	-3.60	0.	0.
14	-2.70	0.	0.	14	-2.70	0.	0.	14	-3.40	0.	0.
15	-2.60	0.	0.	15	-2.60	0.	0.	15	-3.20	0.	0.
16	-2.50	0.	0.	16	-2.50	0.	0.	16	-3.00	0.	0.
17	-2.40	0.	0.	17	-2.40	0.	0.	17	-2.80	0.0003	0.0003
18	-2.30	0.	0.	18	-2.30	0.	0.	18	-2.60	0.0019	0.0023
19	-2.20	0.0003	0.0003	19	-2.20	0.	0.	19	-2.40	0.0037	0.0060
20	-2.10	0.0023	0.0026	20	-2.10	0.	0.	20	-2.20	0.0071	0.0131
21	-2.00	0.0036	0.0062	21	-2.00	0.	0.	21	-2.00	0.0134	0.0265
22	-1.90	0.0057	0.0120	22	-1.90	0.	0.	22	-1.80	0.0228	0.0493
23	-1.80	0.0066	0.0186	23	-1.80	0.	0.	23	-1.60	0.0330	0.0823
24	-1.70	0.0103	0.0289	24	-1.70	0.	0.	24	-1.40	0.0540	0.1363
25	-1.60	0.0153	0.0439	25	-1.60	0.	0.	25	-1.20	0.0681	0.2045
26	-1.50	0.0207	0.0646	26	-1.50	0.	0.	26	-1.00	0.0743	0.2788
27	-1.40	0.0227	0.0873	27	-1.40	0.	0.	27	-0.80	0.0607	0.3395
28	-1.30	0.0330	0.1203	28	-1.30	0.	0.	28	-0.60	0.0597	0.3992
29	-1.20	0.0366	0.1569	29	-1.20	0.	0.	29	-0.40	0.0553	0.4545
30	-1.10	0.0415	0.1984	30	-1.10	0.	0.	30	-0.20	0.0554	0.5099
31	-1.00	0.0425	0.2410	31	-1.00	0.	0.	31	0.	0.0560	0.5658
32	-0.90	0.0398	0.2807	32	-0.90	0.0003	0.0003	32	0.20	0.0595	0.6253
33	-0.80	0.0361	0.3168	33	-0.80	0.0014	0.0018	33	0.40	0.0618	0.6872
34	-0.70	0.0302	0.3470	34	-0.70	0.0060	0.0078	34	0.60	0.0749	0.7620
35	-0.60	0.0309	0.3780	35	-0.60	0.0194	0.0272	35	0.80	0.0795	0.8414
36	-0.50	0.0286	0.4066	36	-0.50	0.0309	0.0581	36	1.00	0.0701	0.9116
37	-0.40	0.0274	0.4340	37	-0.40	0.0551	0.1132	37	1.20	0.0429	0.9544
38	-0.30	0.0262	0.4602	38	-0.30	0.1051	0.2182	38	1.40	0.0251	0.9795
39	-0.20	0.0281	0.4884	39	-0.20	0.1538	0.3720	39	1.60	0.0122	0.9917
40	-0.10	0.0254	0.5137	40	-0.10	0.1737	0.5457	40	1.80	0.0051	0.9968
41	0.	0.0248	0.5385	41	0.	0.1474	0.6931	41	2.00	0.0019	0.9988
42	0.10	0.0257	0.5642	42	0.10	0.1107	0.8039	42	2.20	0.0012	1.0000
43	0.20	0.0280	0.5922	43	0.20	0.0860	0.8898	43	2.40	0.	1.0000
44	0.30	0.0273	0.6194	44	0.30	0.0503	0.9402	44	2.60	0.	1.0000
45	0.40	0.0343	0.6537	45	0.40	0.0324	0.9726	45	2.80	0.	1.0000
46	0.50	0.0304	0.6840	46	0.50	0.0182	0.9908	46	3.00	0.	1.0000
47	0.60	0.0332	0.7172	47	0.60	0.0060	0.9968	47	3.20	0.	1.0000
48	0.70	0.0385	0.7557	48	0.70	0.0016	0.9984	48	3.40	0.	1.0000
49	0.80	0.0425	0.7983	49	0.80	0.0002	0.9986	49	3.60	0.	1.0000
50	0.90	0.0411	0.8394	50	0.90	0.	0.9986	50	3.80	0.	1.0000
51	1.00	0.0429	0.8823	51	1.00	0.	0.9986	51	4.00	0.	1.0000
52	1.10	0.0361	0.9184	52	1.10	0.0002	0.9988	52	4.20	0.	1.0000
53	1.20	0.0245	0.9429	53	1.20	0.0002	0.9989	53	4.40	0.	1.0000
54	1.30	0.0189	0.9618	54	1.30	0.0003	0.9993	54	4.60	0.	1.0000
55	1.40	0.0125	0.9743	55	1.40	0.0002	0.9995	55	4.80	0.	1.0000
56	1.50	0.0104	0.9847	56	1.50	0.0003	0.9998	56	5.00	0.	1.0000
57	1.60	0.0082	0.9929	57	1.60	0.0002	1.0000	57	5.20	0.	1.0000
58	1.70	0.0038	0.9967	58	1.70	0.	1.0000	58	5.40	0.	1.0000
59	1.80	0.0026	0.9993	59	1.80	0.	1.0000	59	5.60	0.	1.0000
60	1.90	0.0007	1.0000	60	1.90	0.	1.0000	60	5.80	0.	1.0000
61	2.00	0.	1.0000	61	2.00	0.	1.0000	61	6.00	0.	1.0000
62	2.10	0.	1.0000	62	2.10	0.	1.0000				
63	2.20	0.	1.0000	63	2.20	0.	1.0000				
64	2.30	0.	1.0000	64	2.30	0.	1.0000				
65	2.40	0.	1.0000	65	2.40	0.	1.0000				
66	2.50	0.	1.0000	66	2.50	0.	1.0000				
67	2.60	0.	1.0000	67	2.60	0.	1.0000				
68	2.70	0.	1.0000	68	2.70	0.	1.0000				
69	2.80	0.	1.0000	69	2.80	0.	1.0000				
70	2.90	0.	1.0000	70	2.90	0.	1.0000				
71	3.00	0.	1.0000	71	3.00	0.	1.0000				
72	3.10	0.	1.0000	72	3.10	0.	1.0000				
73	3.20	0.	1.0000	73	3.20	0.	1.0000				
74	3.30	0.	1.0000	74	3.30	0.	1.0000				
75	3.40	0.	1.0000	75	3.40	0.	1.0000				
76	3.50	0.	1.0000	76	3.50	0.	1.0000				
77	3.60	0.	1.0000	77	3.60	0.	1.0000				
78	3.70	0.	1.0000	78	3.70	0.	1.0000				
79	3.80	0.	1.0000	79	3.80	0.	1.0000				
80	3.90	0.	1.0000	80	3.90	0.	1.0000				
81	4.00	0.	1.0000	81	4.00	0.	1.0000				

I - INTERVAL NUMBER X - INTERVAL CENTER VALUE

P(X) - PROBABILITY MASS FUNCTION F(X) - CUMULATIVE DISTRIBUTION FUNCTION

MIAMI BEACH FLA.

STATISTICS FOR MAY

ASTRONOMICAL TIDE				STORM SURGE				TOTAL WATER LEVEL			
MEAN-0.08		STND DEV 0.93		MEAN 0.05		STND DEV 0.25		MEAN-0.03		STND DEV 0.96	
I	X	P(X)	F(X)	I	X	P(X)	F(X)	I	X	P(X)	F(X)
1	-4.00	0.	0.	1	-4.00	0.	0.	1	-6.00	0.	0.
2	-3.90	0.	0.	2	-3.90	0.	0.	2	-5.80	0.	0.
3	-3.80	0.	0.	3	-3.80	0.	0.	3	-5.60	0.	0.
4	-3.70	0.	0.	4	-3.70	0.	0.	4	-5.40	0.	0.
5	-3.60	0.	0.	5	-3.60	0.	0.	5	-5.20	0.	0.
6	-3.50	0.	0.	6	-3.50	0.	0.	6	-5.00	0.	0.
7	-3.40	0.	0.	7	-3.40	0.	0.	7	-4.80	0.	0.
8	-3.30	0.	0.	8	-3.30	0.	0.	8	-4.60	0.	0.
9	-3.20	0.	0.	9	-3.20	0.	0.	9	-4.40	0.	0.
10	-3.10	0.	0.	10	-3.10	0.	0.	10	-4.20	0.	0.
11	-3.00	0.	0.	11	-3.00	0.	0.	11	-4.00	0.	0.
12	-2.90	0.	0.	12	-2.90	0.	0.	12	-3.80	0.	0.
13	-2.80	0.	0.	13	-2.80	0.	0.	13	-3.60	0.	0.
14	-2.70	0.	0.	14	-2.70	0.	0.	14	-3.40	0.	0.
15	-2.60	0.	0.	15	-2.60	0.	0.	15	-3.20	0.	0.
16	-2.50	0.	0.	16	-2.50	0.	0.	16	-3.00	0.	0.
17	-2.40	0.	0.	17	-2.40	0.	0.	17	-2.80	0.	0.
18	-2.30	0.	0.	18	-2.30	0.	0.	18	-2.60	0.	0.
19	-2.20	0.	0.	19	-2.20	0.	0.	19	-2.40	0.0026	0.0026
20	-2.10	0.0025	0.0025	20	-2.10	0.	0.	20	-2.20	0.0028	0.0054
21	-2.00	0.0019	0.0044	21	-2.00	0.	0.	21	-2.00	0.0087	0.0141
22	-1.90	0.0071	0.0115	22	-1.90	0.	0.	22	-1.80	0.0156	0.0297
23	-1.80	0.0054	0.0169	23	-1.80	0.	0.	23	-1.60	0.0269	0.0566
24	-1.70	0.0094	0.0263	24	-1.70	0.	0.	24	-1.40	0.0462	0.1029
25	-1.60	0.0111	0.0374	25	-1.60	0.	0.	25	-1.20	0.0577	0.1606
26	-1.50	0.0194	0.0568	26	-1.50	0.	0.	26	-1.00	0.0681	0.2287
27	-1.40	0.0273	0.0841	27	-1.40	0.	0.	27	-0.80	0.0701	0.2988
28	-1.30	0.0271	0.1112	28	-1.30	0.	0.	28	-0.60	0.0625	0.3613
29	-1.20	0.0367	0.1478	29	-1.20	0.	0.	29	-0.40	0.0592	0.4206
30	-1.10	0.0394	0.1872	30	-1.10	0.	0.	30	-0.20	0.0592	0.4798
31	-1.00	0.0444	0.2316	31	-1.00	0.	0.	31	0.	0.0506	0.5304
32	-0.90	0.0426	0.2742	32	-0.90	0.	0.	32	0.20	0.0564	0.5868
33	-0.80	0.0390	0.3132	33	-0.80	0.	0.	33	0.40	0.0597	0.6465
34	-0.70	0.0303	0.3435	34	-0.70	0.0002	0.0002	34	0.60	0.0577	0.7042
35	-0.60	0.0286	0.3721	35	-0.60	0.0024	0.0026	35	0.80	0.0720	0.7762
36	-0.50	0.0302	0.4023	36	-0.50	0.0089	0.0115	36	1.00	0.0788	0.8550
37	-0.40	0.0263	0.4286	37	-0.40	0.0286	0.0401	37	1.20	0.0608	0.9158
38	-0.30	0.0265	0.4551	38	-0.30	0.0631	0.1033	38	1.40	0.0410	0.9568
39	-0.20	0.0280	0.4831	39	-0.20	0.1194	0.2227	39	1.60	0.0208	0.9776
40	-0.10	0.0240	0.5071	40	-0.10	0.1311	0.3537	40	1.80	0.0072	0.9848
41	0.	0.0279	0.5350	41	0.	0.1517	0.5054	41	2.00	0.0037	0.9885
42	0.10	0.0250	0.5599	42	0.10	0.1803	0.6858	42	2.20	0.0009	0.9893
43	0.20	0.0280	0.5879	43	0.20	0.1313	0.8171	43	2.40	0.0007	1.0000
44	0.30	0.0275	0.6154	44	0.30	0.0753	0.8924	44	2.60	0.	1.0000
45	0.40	0.0266	0.6440	45	0.40	0.0445	0.9368	45	2.80	0.	1.0000
46	0.50	0.0315	0.6755	46	0.50	0.0280	0.9648	46	3.00	0.	1.0000
47	0.60	0.0328	0.7083	47	0.60	0.0141	0.9790	47	3.20	0.	1.0000
48	0.70	0.0384	0.7467	48	0.70	0.0098	0.9887	48	3.40	0.	1.0000
49	0.80	0.0430	0.7898	49	0.80	0.0082	0.9970	49	3.60	0.	1.0000
50	0.90	0.0470	0.8368	50	0.90	0.0030	1.0000	50	3.80	0.	1.0000
51	1.00	0.0409	0.8777	51	1.00	0.	1.0000	51	4.00	0.	1.0000
52	1.10	0.0323	0.9100	52	1.10	0.	1.0000	52	4.20	0.	1.0000
53	1.20	0.0313	0.9412	53	1.20	0.	1.0000	53	4.40	0.	1.0000
54	1.30	0.0196	0.9608	54	1.30	0.	1.0000	54	4.60	0.	1.0000
55	1.40	0.0132	0.9741	55	1.40	0.	1.0000	55	4.80	0.	1.0000
56	1.50	0.0102	0.9843	56	1.50	0.	1.0000	56	5.00	0.	1.0000
57	1.60	0.0086	0.9929	57	1.60	0.	1.0000	57	5.20	0.	1.0000
58	1.70	0.0038	0.9967	58	1.70	0.	1.0000	58	5.40	0.	1.0000
59	1.80	0.0025	0.9992	59	1.80	0.	1.0000	59	5.60	0.	1.0000
60	1.90	0.0008	1.0000	60	1.90	0.	1.0000	60	5.80	0.	1.0000
61	2.00	0.	1.0000	61	2.00	0.	1.0000	61	6.00	0.	1.0000
62	2.10	0.	1.0000	62	2.10	0.	1.0000				
63	2.20	0.	1.0000	63	2.20	0.	1.0000				
64	2.30	0.	1.0000	64	2.30	0.	1.0000				
65	2.40	0.	1.0000	65	2.40	0.	1.0000				
66	2.50	0.	1.0000	66	2.50	0.	1.0000				
67	2.60	0.	1.0000	67	2.60	0.	1.0000				
68	2.70	0.	1.0000	68	2.70	0.	1.0000				
69	2.80	0.	1.0000	69	2.80	0.	1.0000				
70	2.90	0.	1.0000	70	2.90	0.	1.0000				
71	3.00	0.	1.0000	71	3.00	0.	1.0000				
72	3.10	0.	1.0000	72	3.10	0.	1.0000				
73	3.20	0.	1.0000	73	3.20	0.	1.0000				
74	3.30	0.	1.0000	74	3.30	0.	1.0000				
75	3.40	0.	1.0000	75	3.40	0.	1.0000				
76	3.50	0.	1.0000	76	3.50	0.	1.0000				
77	3.60	0.	1.0000	77	3.60	0.	1.0000				
78	3.70	0.	1.0000	78	3.70	0.	1.0000				
79	3.80	0.	1.0000	79	3.80	0.	1.0000				
80	3.90	0.	1.0000	80	3.90	0.	1.0000				
81	4.00	0.	1.0000	81	4.00	0.	1.0000				

I - INTERVAL NUMBER X - INTERVAL CENTER VALUE

P(X) - PROBABILITY MASS FUNCTION F(X) - CUMULATIVE DISTRIBUTION FUNCTION

MIAMI BEACH FLA.

STATISTICS FOR JUNE

ASTRONOMICAL TIDE				STORM SURGE				TOTAL WATER LEVEL			
MEAN-0.15		STND DEV 0.92		MEAN 0.12		STND DEV 0.24		MEAN-0.03		STND DEV 0.97	
I	X	P(X)	F(X)	I	X	P(X)	F(X)	I	X	P(X)	F(X)
1	-4.00	0.	0.	1	-4.00	0.	0.	1	-6.00	0.	0.
2	-3.90	0.	0.	2	-3.90	0.	0.	2	-5.80	0.	0.
3	-3.80	0.	0.	3	-3.80	0.	0.	3	-5.60	0.	0.
4	-3.70	0.	0.	4	-3.70	0.	0.	4	-5.40	0.	0.
5	-3.60	0.	0.	5	-3.60	0.	0.	5	-5.20	0.	0.
6	-3.50	0.	0.	6	-3.50	0.	0.	6	-5.00	0.	0.
7	-3.40	0.	0.	7	-3.40	0.	0.	7	-4.80	0.	0.
8	-3.30	0.	0.	8	-3.30	0.	0.	8	-4.60	0.	0.
9	-3.20	0.	0.	9	-3.20	0.	0.	9	-4.40	0.	0.
10	-3.10	0.	0.	10	-3.10	0.	0.	10	-4.20	0.	0.
11	-3.00	0.	0.	11	-3.00	0.	0.	11	-4.00	0.	0.
12	-2.90	0.	0.	12	-2.90	0.	0.	12	-3.80	0.	0.
13	-2.80	0.	0.	13	-2.80	0.	0.	13	-3.60	0.	0.
14	-2.70	0.	0.	14	-2.70	0.	0.	14	-3.40	0.	0.
15	-2.60	0.	0.	15	-2.60	0.	0.	15	-3.20	0.	0.
16	-2.50	0.	0.	16	-2.50	0.	0.	16	-3.00	0.	0.
17	-2.40	0.	0.	17	-2.40	0.	0.	17	-2.80	0.	0.
18	-2.30	0.	0.	18	-2.30	0.	0.	18	-2.60	0.0005	0.0005
19	-2.20	0.0004	0.0004	19	-2.20	0.	0.	19	-2.40	0.0023	0.0028
20	-2.10	0.0030	0.0034	20	-2.10	0.	0.	20	-2.20	0.0037	0.0064
21	-2.00	0.0042	0.0075	21	-2.00	0.	0.	21	-2.00	0.0048	0.0113
22	-1.90	0.0052	0.0127	22	-1.90	0.	0.	22	-1.80	0.0159	0.0272
23	-1.80	0.0077	0.0204	23	-1.80	0.	0.	23	-1.60	0.0308	0.0580
24	-1.70	0.0125	0.0329	24	-1.70	0.	0.	24	-1.40	0.0435	0.1015
25	-1.60	0.0153	0.0482	25	-1.60	0.	0.	25	-1.20	0.0555	0.1570
26	-1.50	0.0254	0.0736	26	-1.50	0.	0.	26	-1.00	0.0755	0.2325
27	-1.40	0.0284	0.1020	27	-1.40	0.	0.	27	-0.80	0.0734	0.3059
28	-1.30	0.0343	0.1363	28	-1.30	0.	0.	28	-0.60	0.0622	0.3681
29	-1.20	0.0413	0.1776	29	-1.20	0.	0.	29	-0.40	0.0534	0.4215
30	-1.10	0.0452	0.2228	30	-1.10	0.	0.	30	-0.20	0.0548	0.4763
31	-1.00	0.0425	0.2653	31	-1.00	0.	0.	31	0.	0.0596	0.5359
32	-0.90	0.0345	0.2998	32	-0.90	0.	0.	32	0.20	0.0499	0.5859
33	-0.80	0.0306	0.3304	33	-0.80	0.	0.	33	0.40	0.0576	0.6434
34	-0.70	0.0331	0.3635	34	-0.70	0.	0.	34	0.60	0.0658	0.7093
35	-0.60	0.0286	0.3921	35	-0.60	0.0005	0.0005	35	0.80	0.0819	0.7912
36	-0.50	0.0282	0.4202	36	-0.50	0.0076	0.0081	36	1.00	0.0764	0.8676
37	-0.40	0.0274	0.4476	37	-0.40	0.0318	0.0398	37	1.20	0.0543	0.9220
38	-0.30	0.0250	0.4726	38	-0.30	0.0371	0.0769	38	1.40	0.0410	0.9629
39	-0.20	0.0258	0.4984	39	-0.20	0.0688	0.1457	39	1.60	0.0184	0.9813
40	-0.10	0.0288	0.5272	40	-0.10	0.0944	0.2401	40	1.80	0.0110	0.9924
41	0.	0.0258	0.5530	41	0.	0.1091	0.3492	41	2.00	0.0060	0.9984
42	0.10	0.0254	0.5784	42	0.10	0.1749	0.5242	42	2.20	0.0016	1.0000
43	0.20	0.0254	0.6038	43	0.20	0.1763	0.7005	43	2.40	0.	1.0000
44	0.30	0.0323	0.6361	44	0.30	0.1400	0.8405	44	2.60	0.	1.0000
45	0.40	0.0286	0.6647	45	0.40	0.0859	0.9263	45	2.80	0.	1.0000
46	0.50	0.0311	0.6958	46	0.50	0.0389	0.9652	46	3.00	0.	1.0000
47	0.60	0.0381	0.7339	47	0.60	0.0186	0.9839	47	3.20	0.	1.0000
48	0.70	0.0405	0.7744	48	0.70	0.0122	0.9961	48	3.40	0.	1.0000
49	0.80	0.0456	0.8200	49	0.80	0.0039	1.0000	49	3.60	0.	1.0000
50	0.90	0.0446	0.8647	50	0.90	0.	1.0000	50	3.80	0.	1.0000
51	1.00	0.0379	0.9026	51	1.00	0.	1.0000	51	4.00	0.	1.0000
52	1.10	0.0335	0.9361	52	1.10	0.	1.0000	52	4.20	0.	1.0000
53	1.20	0.0198	0.9559	53	1.20	0.	1.0000	53	4.40	0.	1.0000
54	1.30	0.0189	0.9748	54	1.30	0.	1.0000	54	4.60	0.	1.0000
55	1.40	0.0119	0.9867	55	1.40	0.	1.0000	55	4.80	0.	1.0000
56	1.50	0.0056	0.9923	56	1.50	0.	1.0000	56	5.00	0.	1.0000
57	1.60	0.0056	0.9978	57	1.60	0.	1.0000	57	5.20	0.	1.0000
58	1.70	0.0018	0.9996	58	1.70	0.	1.0000	58	5.40	0.	1.0000
59	1.80	0.0004	1.0000	59	1.80	0.	1.0000	59	5.60	0.	1.0000
60	1.90	0.	1.0000	60	1.90	0.	1.0000	60	5.80	0.	1.0000
61	2.00	0.	1.0000	61	2.00	0.	1.0000	61	6.00	0.	1.0000
62	2.10	0.	1.0000	62	2.10	0.	1.0000				
63	2.20	0.	1.0000	63	2.20	0.	1.0000				
64	2.30	0.	1.0000	64	2.30	0.	1.0000				
65	2.40	0.	1.0000	65	2.40	0.	1.0000				
66	2.50	0.	1.0000	66	2.50	0.	1.0000				
67	2.60	0.	1.0000	67	2.60	0.	1.0000				
68	2.70	0.	1.0000	68	2.70	0.	1.0000				
69	2.80	0.	1.0000	69	2.80	0.	1.0000				
70	2.90	0.	1.0000	70	2.90	0.	1.0000				
71	3.00	0.	1.0000	71	3.00	0.	1.0000				
72	3.10	0.	1.0000	72	3.10	0.	1.0000				
73	3.20	0.	1.0000	73	3.20	0.	1.0000				
74	3.30	0.	1.0000	74	3.30	0.	1.0000				
75	3.40	0.	1.0000	75	3.40	0.	1.0000				
76	3.50	0.	1.0000	76	3.50	0.	1.0000				
77	3.60	0.	1.0000	77	3.60	0.	1.0000				
78	3.70	0.	1.0000	78	3.70	0.	1.0000				
79	3.80	0.	1.0000	79	3.80	0.	1.0000				
80	3.90	0.	1.0000	80	3.90	0.	1.0000				
81	4.00	0.	1.0000	81	4.00	0.	1.0000				

I - INTERVAL NUMBER X - INTERVAL CENTER VALUE

P(X) - PROBABILITY MASS FUNCTION F(X) - CUMULATIVE DISTRIBUTION FUNCTION

MIAMI BEACH FLA.

STATISTICS FOR JULY

ASTRONOMICAL TIDE				STORM SURGE				TOTAL WATER LEVEL			
MEAN-0.15		STND DEV 0.93		MEAN 0.09		STND DEV 0.23		MEAN-0.07		STND DEV 0.96	
I	X	P(X)	F(X)	I	X	P(X)	F(X)	I	X	P(X)	F(X)
1	-4.00	0.	0.	1	-4.00	0.	0.	1	-6.00	0.	0.
2	-3.90	0.	0.	2	-3.90	0.	0.	2	-5.80	0.	0.
3	-3.80	0.	0.	3	-3.80	0.	0.	3	-5.60	0.	0.
4	-3.70	0.	0.	4	-3.70	0.	0.	4	-5.40	0.	0.
5	-3.60	0.	0.	5	-3.60	0.	0.	5	-5.20	0.	0.
6	-3.50	0.	0.	6	-3.50	0.	0.	6	-5.00	0.	0.
7	-3.40	0.	0.	7	-3.40	0.	0.	7	-4.80	0.	0.
8	-3.30	0.	0.	8	-3.30	0.	0.	8	-4.60	0.	0.
9	-3.20	0.	0.	9	-3.20	0.	0.	9	-4.40	0.	0.
10	-3.10	0.	0.	10	-3.10	0.	0.	10	-4.20	0.	0.
11	-3.00	0.	0.	11	-3.00	0.	0.	11	-4.00	0.	0.
12	-2.90	0.	0.	12	-2.90	0.	0.	12	-3.80	0.	0.
13	-2.80	0.	0.	13	-2.80	0.	0.	13	-3.60	0.	0.
14	-2.70	0.	0.	14	-2.70	0.	0.	14	-3.40	0.	0.
15	-2.60	0.	0.	15	-2.60	0.	0.	15	-3.20	0.	0.
16	-2.50	0.	0.	16	-2.50	0.	0.	16	-3.00	0.	0.
17	-2.40	0.	0.	17	-2.40	0.	0.	17	-2.80	0.	0.
18	-2.30	0.	0.	18	-2.30	0.	0.	18	-2.60	0.	0.
19	-2.20	0.0002	0.0002	19	-2.20	0.	0.	19	-2.40	0.0007	0.0007
20	-2.10	0.0010	0.0012	20	-2.10	0.	0.	20	-2.20	0.0024	0.0031
21	-2.00	0.0032	0.0044	21	-2.00	0.	0.	21	-2.00	0.0081	0.0113
22	-1.90	0.0052	0.0096	22	-1.90	0.	0.	22	-1.80	0.0211	0.0323
23	-1.80	0.0094	0.0190	23	-1.80	0.	0.	23	-1.60	0.0316	0.0639
24	-1.70	0.0128	0.0318	24	-1.70	0.	0.	24	-1.40	0.0518	0.1156
25	-1.60	0.0212	0.0529	25	-1.60	0.	0.	25	-1.20	0.0580	0.1736
26	-1.50	0.0292	0.0822	26	-1.50	0.	0.	26	-1.00	0.0657	0.2394
27	-1.40	0.0281	0.1102	27	-1.40	0.	0.	27	-0.80	0.0742	0.3135
28	-1.30	0.0349	0.1452	28	-1.30	0.	0.	28	-0.60	0.0595	0.3730
29	-1.20	0.0425	0.1877	29	-1.20	0.	0.	29	-0.40	0.0615	0.4345
30	-1.10	0.0365	0.2241	30	-1.10	0.	0.	30	-0.20	0.0477	0.4822
31	-1.00	0.0386	0.2628	31	-1.00	0.	0.	31	0.	0.0575	0.5397
32	-0.90	0.0370	0.2997	32	-0.90	0.	0.	32	0.20	0.0571	0.5967
33	-0.80	0.0339	0.3337	33	-0.80	0.	0.	33	0.40	0.0602	0.6569
34	-0.70	0.0309	0.3646	34	-0.70	0.	0.	34	0.60	0.0683	0.7252
35	-0.60	0.0257	0.3903	35	-0.60	0.0002	0.0002	35	0.80	0.0793	0.8045
36	-0.50	0.0282	0.4185	36	-0.50	0.0031	0.0033	36	1.00	0.0705	0.8750
37	-0.40	0.0306	0.4491	37	-0.40	0.0184	0.0217	37	1.20	0.0597	0.9346
38	-0.30	0.0254	0.4745	38	-0.30	0.0444	0.0661	38	1.40	0.0387	0.9734
39	-0.20	0.0270	0.5015	39	-0.20	0.0692	0.1352	39	1.60	0.0171	0.9905
40	-0.10	0.0242	0.5257	40	-0.10	0.1171	0.2524	40	1.80	0.0070	0.9974
41	0.	0.0269	0.5526	41	0.	0.1604	0.4128	41	2.00	0.0022	0.9996
42	0.10	0.0233	0.5759	42	0.10	0.1911	0.6039	42	2.20	0.0004	1.0000
43	0.20	0.0301	0.6060	43	0.20	0.1334	0.7373	43	2.40	0.	1.0000
44	0.30	0.0281	0.6341	44	0.30	0.1002	0.8376	44	2.60	0.	1.0000
45	0.40	0.0313	0.6653	45	0.40	0.0767	0.9143	45	2.80	0.	1.0000
46	0.50	0.0314	0.6967	46	0.50	0.0485	0.9627	46	3.00	0.	1.0000
47	0.60	0.0356	0.7324	47	0.60	0.0140	0.9767	47	3.20	0.	1.0000
48	0.70	0.0430	0.7754	48	0.70	0.0026	0.9793	48	3.40	0.	1.0000
49	0.80	0.0457	0.8211	49	0.80	0.0007	1.0000	49	3.60	0.	1.0000
50	0.90	0.0368	0.8579	50	0.90	0.	1.0000	50	3.80	0.	1.0000
51	1.00	0.0418	0.8997	51	1.00	0.	1.0000	51	4.00	0.	1.0000
52	1.10	0.0333	0.9330	52	1.10	0.	1.0000	52	4.20	0.	1.0000
53	1.20	0.0225	0.9555	53	1.20	0.	1.0000	53	4.40	0.	1.0000
54	1.30	0.0175	0.9729	54	1.30	0.	1.0000	54	4.60	0.	1.0000
55	1.40	0.0128	0.9857	55	1.40	0.	1.0000	55	4.80	0.	1.0000
56	1.50	0.0087	0.9945	56	1.50	0.	1.0000	56	5.00	0.	1.0000
57	1.60	0.0039	0.9983	57	1.60	0.	1.0000	57	5.20	0.	1.0000
58	1.70	0.0017	1.0000	58	1.70	0.	1.0000	58	5.40	0.	1.0000
59	1.80	0.	1.0000	59	1.80	0.	1.0000	59	5.60	0.	1.0000
60	1.90	0.	1.0000	60	1.90	0.	1.0000	60	5.80	0.	1.0000
61	2.00	0.	1.0000	61	2.00	0.	1.0000	61	6.00	0.	1.0000
62	2.10	0.	1.0000	62	2.10	0.	1.0000				
63	2.20	0.	1.0000	63	2.20	0.	1.0000				
64	2.30	0.	1.0000	64	2.30	0.	1.0000				
65	2.40	0.	1.0000	65	2.40	0.	1.0000				
66	2.50	0.	1.0000	66	2.50	0.	1.0000				
67	2.60	0.	1.0000	67	2.60	0.	1.0000				
68	2.70	0.	1.0000	68	2.70	0.	1.0000				
69	2.80	0.	1.0000	69	2.80	0.	1.0000				
70	2.90	0.	1.0000	70	2.90	0.	1.0000				
71	3.00	0.	1.0000	71	3.00	0.	1.0000				
72	3.10	0.	1.0000	72	3.10	0.	1.0000				
73	3.20	0.	1.0000	73	3.20	0.	1.0000				
74	3.30	0.	1.0000	74	3.30	0.	1.0000				
75	3.40	0.	1.0000	75	3.40	0.	1.0000				
76	3.50	0.	1.0000	76	3.50	0.	1.0000				
77	3.60	0.	1.0000	77	3.60	0.	1.0000				
78	3.70	0.	1.0000	78	3.70	0.	1.0000				
79	3.80	0.	1.0000	79	3.80	0.	1.0000				
80	3.90	0.	1.0000	80	3.90	0.	1.0000				
81	4.00	0.	1.0000	81	4.00	0.	1.0000				

I - INTERVAL NUMBER X - INTERVAL CENTER VALUE

P(X) - PROBABILITY MASS FUNCTION F(X) - CUMULATIVE DISTRIBUTION FUNCTION

MIAMI BEACH FLA.

STATISTICS FOR AUGUST

ASTRONOMICAL TIDE MEAN 0.02 STND DEV 0.94				STORM SURGE MEAN-0.08 STND DEV 0.23				TOTAL WATER LEVEL MEAN-0.06 STND DEV 0.96			
I	X	P(X)	F(X)	I	X	P(X)	F(X)	I	X	P(X)	F(X)
1	-4.00	0.	0.	1	-4.00	0.	0.	1	-6.00	0.	0.
2	-3.90	0.	0.	2	-3.90	0.	0.	2	-5.80	0.	0.
3	-3.80	0.	0.	3	-3.80	0.	0.	3	-5.60	0.	0.
4	-3.70	0.	0.	4	-3.70	0.	0.	4	-5.40	0.	0.
5	-3.60	0.	0.	5	-3.60	0.	0.	5	-5.20	0.	0.
6	-3.50	0.	0.	6	-3.50	0.	0.	6	-5.00	0.	0.
7	-3.40	0.	0.	7	-3.40	0.	0.	7	-4.80	0.	0.
8	-3.30	0.	0.	8	-3.30	0.	0.	8	-4.60	0.	0.
9	-3.20	0.	0.	9	-3.20	0.	0.	9	-4.40	0.	0.
10	-3.10	0.	0.	10	-3.10	0.	0.	10	-4.20	0.	0.
11	-3.00	0.	0.	11	-3.00	0.	0.	11	-4.00	0.	0.
12	-2.90	0.	0.	12	-2.90	0.	0.	12	-3.80	0.	0.
13	-2.80	0.	0.	13	-2.80	0.	0.	13	-3.60	0.	0.
14	-2.70	0.	0.	14	-2.70	0.	0.	14	-3.40	0.	0.
15	-2.60	0.	0.	15	-2.60	0.	0.	15	-3.20	0.	0.
16	-2.50	0.	0.	16	-2.50	0.	0.	16	-3.00	0.	0.
17	-2.40	0.	0.	17	-2.40	0.	0.	17	-2.80	0.	0.
18	-2.30	0.	0.	18	-2.30	0.	0.	18	-2.60	0.	0.
19	-2.20	0.	0.	19	-2.20	0.	0.	19	-2.40	0.	0.
20	-2.10	0.	0.	20	-2.10	0.	0.	20	-2.20	0.0014	0.0014
21	-2.00	0.0003	0.0003	21	-2.00	0.	0.	21	-2.00	0.0043	0.0057
22	-1.90	0.0008	0.0012	22	-1.90	0.	0.	22	-1.80	0.0135	0.0192
23	-1.80	0.0042	0.0054	23	-1.80	0.	0.	23	-1.60	0.0364	0.0556
24	-1.70	0.0061	0.0114	24	-1.70	0.	0.	24	-1.40	0.0554	0.1109
25	-1.60	0.0113	0.0227	25	-1.60	0.	0.	25	-1.20	0.0624	0.1733
26	-1.50	0.0178	0.0405	26	-1.50	0.	0.	26	-1.00	0.0726	0.2459
27	-1.40	0.0215	0.0620	27	-1.40	0.	0.	27	-0.80	0.0626	0.3085
28	-1.30	0.0304	0.0924	28	-1.30	0.	0.	28	-0.60	0.0632	0.3717
29	-1.20	0.0316	0.1240	29	-1.20	0.	0.	29	-0.40	0.0595	0.4311
30	-1.10	0.0366	0.1606	30	-1.10	0.	0.	30	-0.20	0.0532	0.4843
31	-1.00	0.0354	0.1961	31	-1.00	0.	0.	31	0.	0.0565	0.5409
32	-0.90	0.0376	0.2337	32	-0.90	0.0002	0.0002	32	0.20	0.0575	0.5984
33	-0.80	0.0356	0.2693	33	-0.80	0.0041	0.0043	33	0.40	0.0647	0.6631
34	-0.70	0.0344	0.3038	34	-0.70	0.0094	0.0137	34	0.60	0.0687	0.7318
35	-0.60	0.0346	0.3384	35	-0.60	0.0213	0.0350	35	0.80	0.0732	0.8050
36	-0.50	0.0338	0.3721	36	-0.50	0.0344	0.0694	36	1.00	0.0646	0.8695
37	-0.40	0.0279	0.4000	37	-0.40	0.0561	0.1256	37	1.20	0.0573	0.9268
38	-0.30	0.0262	0.4262	38	-0.30	0.0933	0.2189	38	1.40	0.0342	0.9611
39	-0.20	0.0235	0.4498	39	-0.20	0.1334	0.3523	39	1.60	0.0227	0.9838
40	-0.10	0.0299	0.4797	40	-0.10	0.1806	0.5329	40	1.80	0.0125	0.9963
41	0.	0.0304	0.5101	41	0.	0.1610	0.6939	41	2.00	0.0035	0.9998
42	0.10	0.0233	0.5334	42	0.10	0.1485	0.8423	42	2.20	0.0002	1.0000
43	0.20	0.0270	0.5605	43	0.20	0.0994	0.9417	43	2.40	0.	1.0000
44	0.30	0.0266	0.5870	44	0.30	0.0438	0.9855	44	2.60	0.	1.0000
45	0.40	0.0262	0.6132	45	0.40	0.0108	0.9963	45	2.80	0.	1.0000
46	0.50	0.0302	0.6435	46	0.50	0.0027	0.9990	46	3.00	0.	1.0000
47	0.60	0.0309	0.6744	47	0.60	0.0010	1.0000	47	3.20	0.	1.0000
48	0.70	0.0344	0.7088	48	0.70	0.	1.0000	48	3.40	0.	1.0000
49	0.80	0.0376	0.7465	49	0.80	0.	1.0000	49	3.60	0.	1.0000
50	0.90	0.0417	0.7881	50	0.90	0.	1.0000	50	3.80	0.	1.0000
51	1.00	0.0397	0.8278	51	1.00	0.	1.0000	51	4.00	0.	1.0000
52	1.10	0.0412	0.8690	52	1.10	0.	1.0000	52	4.20	0.	1.0000
53	1.20	0.0368	0.9057	53	1.20	0.	1.0000	53	4.40	0.	1.0000
54	1.30	0.0292	0.9350	54	1.30	0.	1.0000	54	4.60	0.	1.0000
55	1.40	0.0223	0.9573	55	1.40	0.	1.0000	55	4.80	0.	1.0000
56	1.50	0.0129	0.9703	56	1.50	0.	1.0000	56	5.00	0.	1.0000
57	1.60	0.0106	0.9809	57	1.60	0.	1.0000	57	5.20	0.	1.0000
58	1.70	0.0094	0.9903	58	1.70	0.	1.0000	58	5.40	0.	1.0000
59	1.80	0.0076	0.9978	59	1.80	0.	1.0000	59	5.60	0.	1.0000
60	1.90	0.0022	1.0000	60	1.90	0.	1.0000	60	5.80	0.	1.0000
61	2.00	0.	1.0000	61	2.00	0.	1.0000	61	6.00	0.	1.0000
62	2.10	0.	1.0000	62	2.10	0.	1.0000				
63	2.20	0.	1.0000	63	2.20	0.	1.0000				
64	2.30	0.	1.0000	64	2.30	0.	1.0000				
65	2.40	0.	1.0000	65	2.40	0.	1.0000				
66	2.50	0.	1.0000	66	2.50	0.	1.0000				
67	2.60	0.	1.0000	67	2.60	0.	1.0000				
68	2.70	0.	1.0000	68	2.70	0.	1.0000				
69	2.80	0.	1.0000	69	2.80	0.	1.0000				
70	2.90	0.	1.0000	70	2.90	0.	1.0000				
71	3.00	0.	1.0000	71	3.00	0.	1.0000				
72	3.10	0.	1.0000	72	3.10	0.	1.0000				
73	3.20	0.	1.0000	73	3.20	0.	1.0000				
74	3.30	0.	1.0000	74	3.30	0.	1.0000				
75	3.40	0.	1.0000	75	3.40	0.	1.0000				
76	3.50	0.	1.0000	76	3.50	0.	1.0000				
77	3.60	0.	1.0000	77	3.60	0.	1.0000				
78	3.70	0.	1.0000	78	3.70	0.	1.0000				
79	3.80	0.	1.0000	79	3.80	0.	1.0000				
80	3.90	0.	1.0000	80	3.90	0.	1.0000				
81	4.00	0.	1.0000	81	4.00	0.	1.0000				

I - INTERVAL NUMBER X - INTERVAL CENTER VALUE

P(X) - PROBABILITY MASS FUNCTION F(X) - CUMULATIVE DISTRIBUTION FUNCTION

MIAMI BEACH FLA.

STATISTICS FOR SEPTEMBER

ASTRONOMICAL TIDE				STORM SURGE				TOTAL WATER LEVEL			
MEAN 0.30		STND DEV 0.94		MEAN-0.10		STND DEV 0.31		MEAN 0.21		STND DEV 1.00	
I	X	P(X)	F(X)	I	X	P(X)	F(X)	I	X	P(X)	F(X)
1	-4.00	0.	0.	1	-4.00	0.	0.	1	-6.00	0.	0.
2	-3.90	0.	0.	2	-3.90	0.	0.	2	-5.80	0.	0.
3	-3.80	0.	0.	3	-3.80	0.	0.	3	-5.60	0.	0.
4	-3.70	0.	0.	4	-3.70	0.	0.	4	-5.40	0.	0.
5	-3.60	0.	0.	5	-3.60	0.	0.	5	-5.20	0.	0.
6	-3.50	0.	0.	6	-3.50	0.	0.	6	-5.00	0.	0.
7	-3.40	0.	0.	7	-3.40	0.	0.	7	-4.80	0.	0.
8	-3.30	0.	0.	8	-3.30	0.	0.	8	-4.60	0.	0.
9	-3.20	0.	0.	9	-3.20	0.	0.	9	-4.40	0.	0.
10	-3.10	0.	0.	10	-3.10	0.	0.	10	-4.20	0.	0.
11	-3.00	0.	0.	11	-3.00	0.	0.	11	-4.00	0.	0.
12	-2.90	0.	0.	12	-2.90	0.	0.	12	-3.80	0.	0.
13	-2.80	0.	0.	13	-2.80	0.	0.	13	-3.60	0.	0.
14	-2.70	0.	0.	14	-2.70	0.	0.	14	-3.40	0.	0.
15	-2.60	0.	0.	15	-2.60	0.	0.	15	-3.20	0.	0.
16	-2.50	0.	0.	16	-2.50	0.	0.	16	-3.00	0.	0.
17	-2.40	0.	0.	17	-2.40	0.	0.	17	-2.80	0.	0.
18	-2.30	0.	0.	18	-2.30	0.	0.	18	-2.60	0.	0.
19	-2.20	0.	0.	19	-2.20	0.	0.	19	-2.40	0.0006	0.0006
20	-2.10	0.	0.	20	-2.10	0.	0.	20	-2.20	0.0021	0.0027
21	-2.00	0.	0.	21	-2.00	0.	0.	21	-2.00	0.0033	0.0061
22	-1.90	0.	0.	22	-1.90	0.	0.	22	-1.80	0.0076	0.0136
23	-1.80	0.	0.	23	-1.80	0.	0.	23	-1.60	0.0166	0.0303
24	-1.70	0.0019	0.0019	24	-1.70	0.	0.	24	-1.40	0.0254	0.0557
25	-1.60	0.0029	0.0049	25	-1.60	0.	0.	25	-1.20	0.0399	0.0956
26	-1.50	0.0047	0.0095	26	-1.50	0.	0.	26	-1.00	0.0618	0.1574
27	-1.40	0.0062	0.0158	27	-1.40	0.	0.	27	-0.80	0.0665	0.2239
28	-1.30	0.0099	0.0257	28	-1.30	0.	0.	28	-0.60	0.0675	0.2914
29	-1.20	0.0177	0.0434	29	-1.20	0.	0.	29	-0.40	0.0605	0.3519
30	-1.10	0.0243	0.0677	30	-1.10	0.0006	0.0006	30	-0.20	0.0563	0.4082
31	-1.00	0.0276	0.0953	31	-1.00	0.0045	0.0051	31	0.	0.0568	0.4650
32	-0.90	0.0337	0.1290	32	-0.90	0.0114	0.0164	32	0.20	0.0542	0.5192
33	-0.80	0.0340	0.1630	33	-0.80	0.0153	0.0317	33	0.40	0.0597	0.5788
34	-0.70	0.0410	0.2040	34	-0.70	0.0153	0.0469	34	0.60	0.0571	0.6359
35	-0.60	0.0389	0.2429	35	-0.60	0.0280	0.0749	35	0.80	0.0696	0.7056
36	-0.50	0.0358	0.2787	36	-0.50	0.0436	0.1185	36	1.00	0.0685	0.7741
37	-0.40	0.0326	0.3113	37	-0.40	0.0636	0.1821	37	1.20	0.0605	0.8345
38	-0.30	0.0345	0.3458	38	-0.30	0.0968	0.2789	38	1.40	0.0606	0.8951
39	-0.20	0.0314	0.3773	39	-0.20	0.1479	0.4268	39	1.60	0.0466	0.9417
40	-0.10	0.0281	0.4054	40	-0.10	0.1457	0.5726	40	1.80	0.0286	0.9703
41	0.	0.0292	0.4345	41	0.	0.1133	0.6858	41	2.00	0.0159	0.9861
42	0.10	0.0254	0.4599	42	0.10	0.0970	0.7829	42	2.20	0.0084	0.9945
43	0.20	0.0272	0.4871	43	0.20	0.0914	0.8742	43	2.40	0.0045	0.9990
44	0.30	0.0245	0.5116	44	0.30	0.0571	0.9313	44	2.60	0.0010	1.0000
45	0.40	0.0276	0.5392	45	0.40	0.0384	0.9697	45	2.80	0.	1.0000
46	0.50	0.0280	0.5672	46	0.50	0.0219	0.9916	46	3.00	0.	1.0000
47	0.60	0.0292	0.5963	47	0.60	0.0059	0.9975	47	3.20	0.	1.0000
48	0.70	0.0243	0.6207	48	0.70	0.0025	1.0000	48	3.40	0.	1.0000
49	0.80	0.0299	0.6505	49	0.80	0.	1.0000	49	3.60	0.	1.0000
50	0.90	0.0321	0.6826	50	0.90	0.	1.0000	50	3.80	0.	1.0000
51	1.00	0.0373	0.7200	51	1.00	0.	1.0000	51	4.00	0.	1.0000
52	1.10	0.0363	0.7563	52	1.10	0.	1.0000	52	4.20	0.	1.0000
53	1.20	0.0411	0.7974	53	1.20	0.	1.0000	53	4.40	0.	1.0000
54	1.30	0.0406	0.8380	54	1.30	0.	1.0000	54	4.60	0.	1.0000
55	1.40	0.0406	0.8787	55	1.40	0.	1.0000	55	4.80	0.	1.0000
56	1.50	0.0328	0.9115	56	1.50	0.	1.0000	56	5.00	0.	1.0000
57	1.60	0.0264	0.9378	57	1.60	0.	1.0000	57	5.20	0.	1.0000
58	1.70	0.0182	0.9561	58	1.70	0.	1.0000	58	5.40	0.	1.0000
59	1.80	0.0149	0.9710	59	1.80	0.	1.0000	59	5.60	0.	1.0000
60	1.90	0.0106	0.9816	60	1.90	0.	1.0000	60	5.80	0.	1.0000
61	2.00	0.0088	0.9905	61	2.00	0.	1.0000	61	6.00	0.	1.0000
62	2.10	0.0062	0.9967	62	2.10	0.	1.0000				
63	2.20	0.0021	0.9988	63	2.20	0.	1.0000				
64	2.30	0.0012	1.0000	64	2.30	0.	1.0000				
65	2.40	0.	1.0000	65	2.40	0.	1.0000				
66	2.50	0.	1.0000	66	2.50	0.	1.0000				
67	2.60	0.	1.0000	67	2.60	0.	1.0000				
68	2.70	0.	1.0000	68	2.70	0.	1.0000				
69	2.80	0.	1.0000	69	2.80	0.	1.0000				
70	2.90	0.	1.0000	70	2.90	0.	1.0000				
71	3.00	0.	1.0000	71	3.00	0.	1.0000				
72	3.10	0.	1.0000	72	3.10	0.	1.0000				
73	3.20	0.	1.0000	73	3.20	0.	1.0000				
74	3.30	0.	1.0000	74	3.30	0.	1.0000				
75	3.40	0.	1.0000	75	3.40	0.	1.0000				
76	3.50	0.	1.0000	76	3.50	0.	1.0000				
77	3.60	0.	1.0000	77	3.60	0.	1.0000				
78	3.70	0.	1.0000	78	3.70	0.	1.0000				
79	3.80	0.	1.0000	79	3.80	0.	1.0000				
80	3.90	0.	1.0000	80	3.90	0.	1.0000				
81	4.00	0.	1.0000	81	4.00	0.	1.0000				

I - INTERVAL NUMBER X - INTERVAL CENTER VALUE

P(X) - PROBABILITY MASS FUNCTION F(X) - CUMULATIVE DISTRIBUTION FUNCTION

MIAMI BEACH FLA.

STATISTICS FOR OCTOBER

ASTRONOMICAL TIDE				STORM SURGE				TOTAL WATER LEVEL			
MEAN 0.47 STND DEV 0.93				MEAN-0.07 STND DEV 0.37				MEAN 0.40 STND DEV 1.00			
I	X	P(X)	F(X)	I	X	P(X)	F(X)	I	X	P(X)	F(X)
1	-4.00	0.	0.	1	-4.00	0.	0.	1	-6.00	0.	0.
2	-3.90	0.	0.	2	-3.90	0.	0.	2	-5.80	0.	0.
3	-3.80	0.	0.	3	-3.80	0.	0.	3	-5.60	0.	0.
4	-3.70	0.	0.	4	-3.70	0.	0.	4	-5.40	0.	0.
5	-3.60	0.	0.	5	-3.60	0.	0.	5	-5.20	0.	0.
6	-3.50	0.	0.	6	-3.50	0.	0.	6	-5.00	0.	0.
7	-3.40	0.	0.	7	-3.40	0.	0.	7	-4.80	0.	0.
8	-3.30	0.	0.	8	-3.30	0.	0.	8	-4.60	0.	0.
9	-3.20	0.	0.	9	-3.20	0.	0.	9	-4.40	0.	0.
10	-3.10	0.	0.	10	-3.10	0.	0.	10	-4.20	0.	0.
11	-3.00	0.	0.	11	-3.00	0.	0.	11	-4.00	0.	0.
12	-2.90	0.	0.	12	-2.90	0.	0.	12	-3.80	0.	0.
13	-2.80	0.	0.	13	-2.80	0.	0.	13	-3.60	0.	0.
14	-2.70	0.	0.	14	-2.70	0.	0.	14	-3.40	0.	0.
15	-2.60	0.	0.	15	-2.60	0.	0.	15	-3.20	0.	0.
16	-2.50	0.	0.	16	-2.50	0.	0.	16	-3.00	0.	0.
17	-2.40	0.	0.	17	-2.40	0.	0.	17	-2.80	0.	0.
18	-2.30	0.	0.	18	-2.30	0.	0.	18	-2.60	0.	0.
19	-2.20	0.	0.	19	-2.20	0.	0.	19	-2.40	0.0002	0.0002
20	-2.10	0.	0.	20	-2.10	0.	0.	20	-2.20	0.0012	0.0014
21	-2.00	0.	0.	21	-2.00	0.	0.	21	-2.00	0.0039	0.0053
22	-1.90	0.	0.	22	-1.90	0.	0.	22	-1.80	0.0054	0.0107
23	-1.80	0.	0.	23	-1.80	0.	0.	23	-1.60	0.0088	0.0195
24	-1.70	0.	0.	24	-1.70	0.	0.	24	-1.40	0.0144	0.0339
25	-1.60	0.0010	0.0010	25	-1.60	0.	0.	25	-1.20	0.0282	0.0621
26	-1.50	0.0023	0.0033	26	-1.50	0.0004	0.0004	26	-1.00	0.0430	0.1051
27	-1.40	0.0038	0.0071	27	-1.40	0.0002	0.0006	27	-0.80	0.0570	0.1628
28	-1.30	0.0060	0.0131	28	-1.30	0.0002	0.0008	28	-0.60	0.0539	0.2167
29	-1.20	0.0075	0.0206	29	-1.20	0.	0.0008	29	-0.40	0.0641	0.2808
30	-1.10	0.0092	0.0298	30	-1.10	0.0010	0.0017	30	-0.20	0.0670	0.3477
31	-1.00	0.0169	0.0467	31	-1.00	0.0014	0.0031	31	0.	0.0606	0.4083
32	-0.90	0.0225	0.0691	32	-0.90	0.0080	0.0111	32	0.20	0.0594	0.4677
33	-0.80	0.0263	0.0954	33	-0.80	0.0245	0.0356	33	0.40	0.0570	0.5247
34	-0.70	0.0380	0.1334	34	-0.70	0.0284	0.0641	34	0.60	0.0565	0.5812
35	-0.60	0.0380	0.1715	35	-0.60	0.0286	0.0927	35	0.80	0.0608	0.6419
36	-0.50	0.0392	0.2106	36	-0.50	0.0372	0.1299	36	1.00	0.0664	0.7083
37	-0.40	0.0392	0.2498	37	-0.40	0.0713	0.2011	37	1.20	0.0759	0.7843
38	-0.30	0.0378	0.2876	38	-0.30	0.1242	0.3254	38	1.40	0.0642	0.8485
39	-0.20	0.0378	0.3255	39	-0.20	0.1209	0.4463	39	1.60	0.0551	0.9036
40	-0.10	0.0302	0.3556	40	-0.10	0.1003	0.5465	40	1.80	0.0358	0.9395
41	0.	0.0288	0.3844	41	0.	0.0927	0.6392	41	2.00	0.0274	0.9669
42	0.10	0.0284	0.4128	42	0.10	0.0937	0.7329	42	2.20	0.0183	0.9852
43	0.20	0.0296	0.4424	43	0.20	0.0880	0.8209	43	2.40	0.0099	0.9951
44	0.30	0.0234	0.4658	44	0.30	0.0543	0.8752	44	2.60	0.0039	0.9990
45	0.40	0.0278	0.4937	45	0.40	0.0321	0.9073	45	2.80	0.0010	1.0000
46	0.50	0.0294	0.5230	46	0.50	0.0333	0.9406	46	3.00	0.	1.0000
47	0.60	0.0236	0.5467	47	0.60	0.0216	0.9622	47	3.20	0.	1.0000
48	0.70	0.0275	0.5741	48	0.70	0.0166	0.9788	48	3.40	0.	1.0000
49	0.80	0.0261	0.6002	49	0.80	0.0107	0.9895	49	3.60	0.	1.0000
50	0.90	0.0309	0.6311	50	0.90	0.0066	0.9961	50	3.80	0.	1.0000
51	1.00	0.0317	0.6628	51	1.00	0.0031	0.9992	51	4.00	0.	1.0000
52	1.10	0.0294	0.6922	52	1.10	0.0008	1.0000	52	4.20	0.	1.0000
53	1.20	0.0401	0.7323	53	1.20	0.	1.0000	53	4.40	0.	1.0000
54	1.30	0.0401	0.7725	54	1.30	0.	1.0000	54	4.60	0.	1.0000
55	1.40	0.0411	0.8136	55	1.40	0.	1.0000	55	4.80	0.	1.0000
56	1.50	0.0401	0.8537	56	1.50	0.	1.0000	56	5.00	0.	1.0000
57	1.60	0.0399	0.8936	57	1.60	0.	1.0000	57	5.20	0.	1.0000
58	1.70	0.0317	0.9253	58	1.70	0.	1.0000	58	5.40	0.	1.0000
59	1.80	0.0240	0.9493	59	1.80	0.	1.0000	59	5.60	0.	1.0000
60	1.90	0.0179	0.9672	60	1.90	0.	1.0000	60	5.80	0.	1.0000
61	2.00	0.0094	0.9766	61	2.00	0.	1.0000	61	6.00	0.	1.0000
62	2.10	0.0106	0.9871	62	2.10	0.	1.0000				
63	2.20	0.0052	0.9923	63	2.20	0.	1.0000				
64	2.30	0.0050	0.9973	64	2.30	0.	1.0000				
65	2.40	0.0019	0.9992	65	2.40	0.	1.0000				
66	2.50	0.0008	1.0000	66	2.50	0.	1.0000				
67	2.60	0.	1.0000	67	2.60	0.	1.0000				
68	2.70	0.	1.0000	68	2.70	0.	1.0000				
69	2.80	0.	1.0000	69	2.80	0.	1.0000				
70	2.90	0.	1.0000	70	2.90	0.	1.0000				
71	3.00	0.	1.0000	71	3.00	0.	1.0000				
72	3.10	0.	1.0000	72	3.10	0.	1.0000				
73	3.20	0.	1.0000	73	3.20	0.	1.0000				
74	3.30	0.	1.0000	74	3.30	0.	1.0000				
75	3.40	0.	1.0000	75	3.40	0.	1.0000				
76	3.50	0.	1.0000	76	3.50	0.	1.0000				
77	3.60	0.	1.0000	77	3.60	0.	1.0000				
78	3.70	0.	1.0000	78	3.70	0.	1.0000				
79	3.80	0.	1.0000	79	3.80	0.	1.0000				
80	3.90	0.	1.0000	80	3.90	0.	1.0000				
81	4.00	0.	1.0000	81	4.00	0.	1.0000				

I - INTERVAL NUMBER X - INTERVAL CENTER VALUE

P(X) - PROBABILITY MASS FUNCTION F(X) - CUMULATIVE DISTRIBUTION FUNCTION

MIAMI BEACH FLA.

STATISTICS FOR NOVEMBER

ASTRONOMICAL TIDE				STORM SURGE				TOTAL WATER LEVEL			
MEAN 0.38		STND DEV 0.93		MEAN-0.13		STND DEV 0.24		MEAN 0.25		STND DEV 0.96	
I	X	P(X)	F(X)	I	X	P(X)	F(X)	I	X	P(X)	F(X)
1	-4.00	0.	0.	1	-4.00	0.	0.	1	-6.00	0.	0.
2	-3.90	0.	0.	2	-3.90	0.	0.	2	-5.80	0.	0.
3	-3.80	0.	0.	3	-3.80	0.	0.	3	-5.60	0.	0.
4	-3.70	0.	0.	4	-3.70	0.	0.	4	-5.40	0.	0.
5	-3.60	0.	0.	5	-3.60	0.	0.	5	-5.20	0.	0.
6	-3.50	0.	0.	6	-3.50	0.	0.	6	-5.00	0.	0.
7	-3.40	0.	0.	7	-3.40	0.	0.	7	-4.80	0.	0.
8	-3.30	0.	0.	8	-3.30	0.	0.	8	-4.60	0.	0.
9	-3.20	0.	0.	9	-3.20	0.	0.	9	-4.40	0.	0.
10	-3.10	0.	0.	10	-3.10	0.	0.	10	-4.20	0.	0.
11	-3.00	0.	0.	11	-3.00	0.	0.	11	-4.00	0.	0.
12	-2.90	0.	0.	12	-2.90	0.	0.	12	-3.80	0.	0.
13	-2.80	0.	0.	13	-2.80	0.	0.	13	-3.60	0.	0.
14	-2.70	0.	0.	14	-2.70	0.	0.	14	-3.40	0.	0.
15	-2.60	0.	0.	15	-2.60	0.	0.	15	-3.20	0.	0.
16	-2.50	0.	0.	16	-2.50	0.	0.	16	-3.00	0.	0.
17	-2.40	0.	0.	17	-2.40	0.	0.	17	-2.80	0.	0.
18	-2.30	0.	0.	18	-2.30	0.	0.	18	-2.60	0.	0.
19	-2.20	0.	0.	19	-2.20	0.	0.	19	-2.40	0.	0.
20	-2.10	0.	0.	20	-2.10	0.	0.	20	-2.20	0.	0.
21	-2.00	0.	0.	21	-2.00	0.	0.	21	-2.00	0.0022	0.0022
22	-1.90	0.	0.	22	-1.90	0.	0.	22	-1.80	0.0056	0.0078
23	-1.80	0.0002	0.0002	23	-1.80	0.	0.	23	-1.60	0.0092	0.0170
24	-1.70	0.0016	0.0018	24	-1.70	0.	0.	24	-1.40	0.0222	0.0393
25	-1.60	0.0024	0.0042	25	-1.60	0.	0.	25	-1.20	0.0331	0.0723
26	-1.50	0.0042	0.0083	26	-1.50	0.	0.	26	-1.00	0.0579	0.1302
27	-1.40	0.0044	0.0127	27	-1.40	0.	0.	27	-0.80	0.0759	0.2061
28	-1.30	0.0083	0.0210	28	-1.30	0.	0.	28	-0.60	0.0737	0.2798
29	-1.20	0.0113	0.0323	29	-1.20	0.	0.	29	-0.40	0.0637	0.3436
30	-1.10	0.0143	0.0466	30	-1.10	0.	0.	30	-0.20	0.0565	0.4000
31	-1.00	0.0216	0.0682	31	-1.00	0.0006	0.0006	31	0.	0.0567	0.4567
32	-0.90	0.0282	0.0964	32	-0.90	0.0034	0.0040	32	0.20	0.0555	0.5122
33	-0.80	0.0304	0.1268	33	-0.80	0.0078	0.0118	33	0.40	0.0533	0.5655
34	-0.70	0.0353	0.1621	34	-0.70	0.0126	0.0244	34	0.60	0.0511	0.6166
35	-0.60	0.0427	0.2048	35	-0.60	0.0170	0.0415	35	0.80	0.0667	0.6833
36	-0.50	0.0421	0.2468	36	-0.50	0.0457	0.0871	36	1.00	0.0685	0.7518
37	-0.40	0.0399	0.2867	37	-0.40	0.0737	0.1609	37	1.20	0.0771	0.8289
38	-0.30	0.0339	0.3206	38	-0.30	0.1234	0.2842	38	1.40	0.0673	0.8962
39	-0.20	0.0315	0.3522	39	-0.20	0.1561	0.4403	39	1.60	0.0493	0.9455
40	-0.10	0.0302	0.3823	40	-0.10	0.1815	0.6218	40	1.80	0.0285	0.9740
41	0.	*0.0300*	0.4123	41	0.	0.1641	0.7859	41	2.00	0.0158	0.9898
42	0.10	0.0268	0.4391	42	0.10	0.1078	0.8936	42	2.20	0.0078	0.9976
43	0.20	0.0260	0.4651	43	0.20	0.0623	0.9559	43	2.40	0.0016	0.9992
44	0.30	0.0282	0.4933	44	0.30	0.0234	0.9794	44	2.60	0.0008	1.0000
45	0.40	0.0250	0.5183	45	0.40	0.0122	0.9916	45	2.80	0.	1.0000
46	0.50	0.0252	0.5434	46	0.50	0.0048	0.9964	46	3.00	0.	1.0000
47	0.60	0.0270	0.5704	47	0.60	0.0032	0.9996	47	3.20	0.	1.0000
48	0.70	0.0311	0.6016	48	0.70	0.0004	1.0000	48	3.40	0.	1.0000
49	0.80	0.0258	0.6274	49	0.80	0.	1.0000	49	3.60	0.	1.0000
50	0.90	0.0298	0.6571	50	0.90	0.	1.0000	50	3.80	0.	1.0000
51	1.00	0.0325	0.6897	51	1.00	0.	1.0000	51	4.00	0.	1.0000
52	1.10	0.0355	0.7252	52	1.10	0.	1.0000	52	4.20	0.	1.0000
53	1.20	0.0435	0.7687	53	1.20	0.	1.0000	53	4.40	0.	1.0000
54	1.30	0.0405	0.8091	54	1.30	0.	1.0000	54	4.60	0.	1.0000
55	1.40	0.0409	0.8500	55	1.40	0.	1.0000	55	4.80	0.	1.0000
56	1.50	0.0411	0.8911	56	1.50	0.	1.0000	56	5.00	0.	1.0000
57	1.60	0.0329	0.9240	57	1.60	0.	1.0000	57	5.20	0.	1.0000
58	1.70	0.0238	0.9478	58	1.70	0.	1.0000	58	5.40	0.	1.0000
59	1.80	0.0165	0.9643	59	1.80	0.	1.0000	59	5.60	0.	1.0000
60	1.90	0.0143	0.9786	60	1.90	0.	1.0000	60	5.80	0.	1.0000
61	2.00	0.0085	0.9871	61	2.00	0.	1.0000	61	6.00	0.	1.0000
62	2.10	0.0063	0.9935	62	2.10	0.	1.0000				
63	2.20	0.0042	0.9976	63	2.20	0.	1.0000				
64	2.30	0.0022	0.9998	64	2.30	0.	1.0000				
65	2.40	0.0002	1.0000	65	2.40	0.	1.0000				
66	2.50	0.	1.0000	66	2.50	0.	1.0000				
67	2.60	0.	1.0000	67	2.60	0.	1.0000				
68	2.70	0.	1.0000	68	2.70	0.	1.0000				
69	2.80	0.	1.0000	69	2.80	0.	1.0000				
70	2.90	0.	1.0000	70	2.90	0.	1.0000				
71	3.00	0.	1.0000	71	3.00	0.	1.0000				
72	3.10	0.	1.0000	72	3.10	0.	1.0000				
73	3.20	0.	1.0000	73	3.20	0.	1.0000				
74	3.30	0.	1.0000	74	3.30	0.	1.0000				
75	3.40	0.	1.0000	75	3.40	0.	1.0000				
76	3.50	0.	1.0000	76	3.50	0.	1.0000				
77	3.60	0.	1.0000	77	3.60	0.	1.0000				
78	3.70	0.	1.0000	78	3.70	0.	1.0000				
79	3.80	0.	1.0000	79	3.80	0.	1.0000				
80	3.90	0.	1.0000	80	3.90	0.	1.0000				
81	4.00	0.	1.0000	81	4.00	0.	1.0000				

I - INTERVAL NUMBER X - INTERVAL CENTER VALUE

P(X) - PROBABILITY MASS FUNCTION F(X) - CUMULATIVE DISTRIBUTION FUNCTION

MIAMI BEACH FLA.

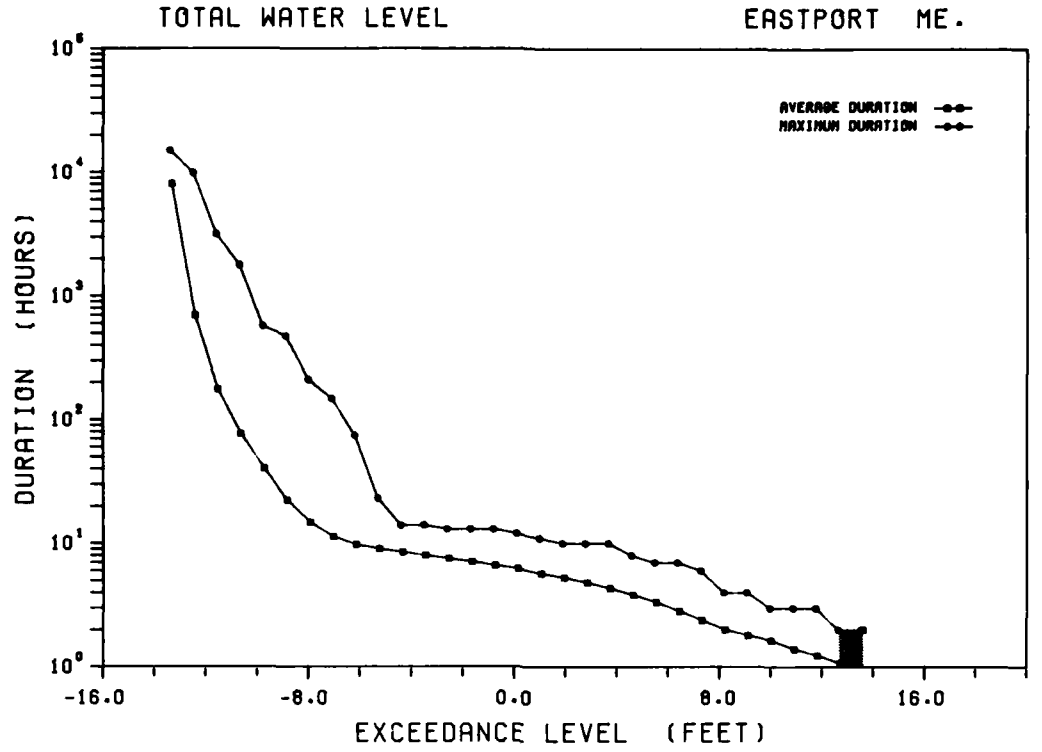
STATISTICS FOR DECEMBER

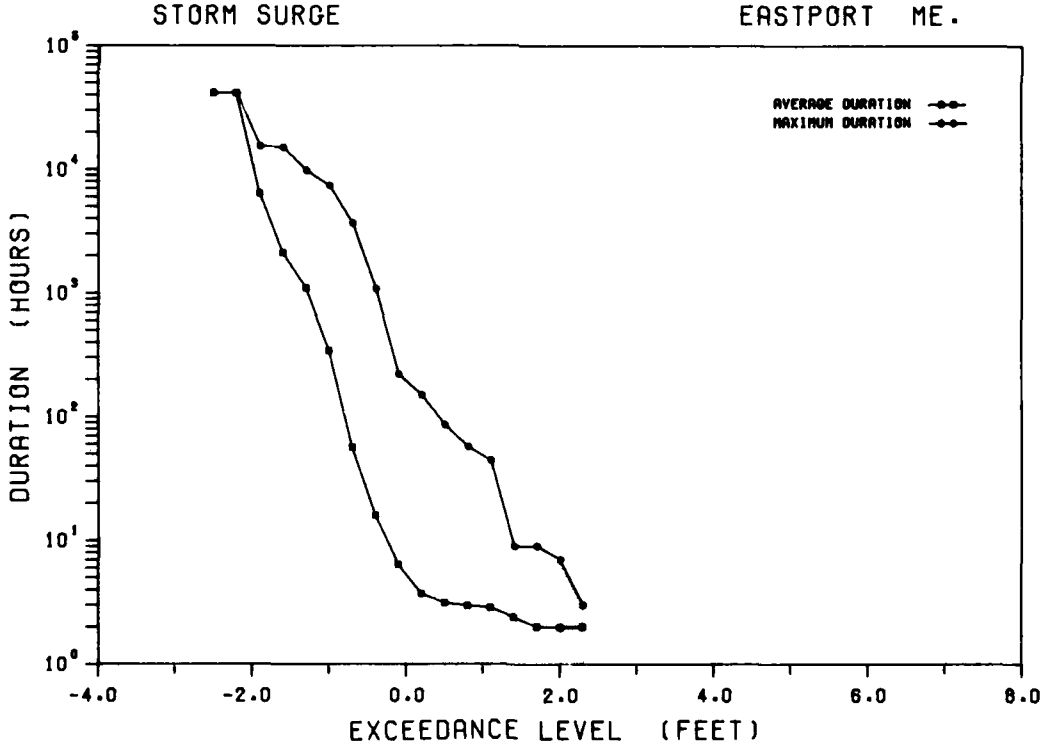
ASTRONOMICAL TIDE				STORM SURGE				TOTAL WATER LEVEL			
MEAN 0.08		STND DEV 0.93		MEAN-0.05		STND DEV 0.30		MEAN 0.02		STND DEV 0.97	
I	X	P(X)	F(X)	I	X	P(X)	F(X)	I	X	P(X)	F(X)
1	-4.00	0.	0.	1	-4.00	0.	0.	1	-6.00	0.	0.
2	-3.90	0.	0.	2	-3.90	0.	0.	2	-5.80	0.	0.
3	-3.80	0.	0.	3	-3.80	0.	0.	3	-5.60	0.	0.
4	-3.70	0.	0.	4	-3.70	0.	0.	4	-5.40	0.	0.
5	-3.60	0.	0.	5	-3.60	0.	0.	5	-5.20	0.	0.
6	-3.50	0.	0.	6	-3.50	0.	0.	6	-5.00	0.	0.
7	-3.40	0.	0.	7	-3.40	0.	0.	7	-4.80	0.	0.
8	-3.30	0.	0.	8	-3.30	0.	0.	8	-4.60	0.	0.
9	-3.20	0.	0.	9	-3.20	0.	0.	9	-4.40	0.	0.
10	-3.10	0.	0.	10	-3.10	0.	0.	10	-4.20	0.	0.
11	-3.00	0.	0.	11	-3.00	0.	0.	11	-4.00	0.	0.
12	-2.90	0.	0.	12	-2.90	0.	0.	12	-3.80	0.	0.
13	-2.80	0.	0.	13	-2.80	0.	0.	13	-3.60	0.	0.
14	-2.70	0.	0.	14	-2.70	0.	0.	14	-3.40	0.	0.
15	-2.60	0.	0.	15	-2.60	0.	0.	15	-3.20	0.	0.
16	-2.50	0.	0.	16	-2.50	0.	0.	16	-3.00	0.	0.
17	-2.40	0.	0.	17	-2.40	0.	0.	17	-2.80	0.	0.
18	-2.30	0.	0.	18	-2.30	0.	0.	18	-2.60	0.	0.
19	-2.20	0.	0.	19	-2.20	0.	0.	19	-2.40	0.	0.
20	-2.10	0.	0.	20	-2.10	0.	0.	20	-2.20	0.0020	0.0020
21	-2.00	0.0003	0.0003	21	-2.00	0.	0.	21	-2.00	0.0076	0.0096
22	-1.90	0.0029	0.0032	22	-1.90	0.	0.	22	-1.80	0.0170	0.0266
23	-1.80	0.0039	0.0071	23	-1.80	0.	0.	23	-1.60	0.0254	0.0519
24	-1.70	0.0055	0.0126	24	-1.70	0.	0.	24	-1.40	0.0356	0.0875
25	-1.60	0.0067	0.0193	25	-1.60	0.	0.	25	-1.20	0.0506	0.1381
26	-1.50	0.0109	0.0302	26	-1.50	0.	0.	26	-1.00	0.0712	0.2093
27	-1.40	0.0180	0.0482	27	-1.40	0.	0.	27	-0.80	0.0665	0.2759
28	-1.30	0.0222	0.0704	28	-1.30	0.	0.	28	-0.60	0.0707	0.3466
29	-1.20	0.0264	0.0968	29	-1.20	0.	0.	29	-0.40	0.0610	0.4076
30	-1.10	0.0361	0.1329	30	-1.10	0.	0.	30	-0.20	0.0576	0.4652
31	-1.00	0.0361	0.1690	31	-1.00	0.	0.	31	0.	0.0536	0.5188
32	-0.90	0.0368	0.2058	32	-0.90	0.0030	0.0030	32	0.20	0.0583	0.5771
33	-0.80	0.0366	0.2424	33	-0.80	0.0062	0.0092	33	0.40	0.0573	0.6344
34	-0.70	0.0393	0.2818	34	-0.70	0.0203	0.0296	34	0.60	0.0617	0.6961
35	-0.60	0.0418	0.3236	35	-0.60	0.0264	0.0559	35	0.80	0.0756	0.7717
36	-0.50	0.0291	0.3527	36	-0.50	0.0309	0.0869	36	1.00	0.0692	0.8409
37	-0.40	0.0301	0.3827	37	-0.40	0.0645	0.1514	37	1.20	0.0601	0.9010
38	-0.30	0.0284	0.4111	38	-0.30	0.1006	0.2520	38	1.40	0.0447	0.9457
39	-0.20	0.0255	0.4367	39	-0.20	0.1147	0.3668	39	1.60	0.0313	0.9770
40	-0.10	0.0289	0.4656	40	-0.10	0.1267	0.4935	40	1.80	0.0168	0.9938
41	0.	0.0270	0.4926	41	0.	0.1279	0.6213	41	2.00	0.0055	0.9993
42	0.10	0.0264	0.5190	42	0.10	0.1205	0.7418	42	2.20	0.0005	0.9998
43	0.20	0.0270	0.5460	43	0.20	0.0956	0.8374	43	2.40	0.0002	1.0000
44	0.30	0.0255	0.5716	44	0.30	0.0716	0.9089	44	2.60	0.	1.0000
45	0.40	0.0274	0.5990	45	0.40	0.0482	0.9572	45	2.80	0.	1.0000
46	0.50	0.0294	0.6284	46	0.50	0.0316	0.9887	46	3.00	0.	1.0000
47	0.60	0.0296	0.6579	47	0.60	0.0082	0.9970	47	3.20	0.	1.0000
48	0.70	0.0321	0.6900	48	0.70	0.0022	0.9992	48	3.40	0.	1.0000
49	0.80	0.0378	0.7278	49	0.80	0.0008	1.0000	49	3.60	0.	1.0000
50	0.90	0.0393	0.7671	50	0.90	0.	1.0000	50	3.80	0.	1.0000
51	1.00	0.0408	0.8080	51	1.00	0.	1.0000	51	4.00	0.	1.0000
52	1.10	0.0410	0.8490	52	1.10	0.	1.0000	52	4.20	0.	1.0000
53	1.20	0.0410	0.8899	53	1.20	0.	1.0000	53	4.40	0.	1.0000
54	1.30	0.0334	0.9234	54	1.30	0.	1.0000	54	4.60	0.	1.0000
55	1.40	0.0249	0.9483	55	1.40	0.	1.0000	55	4.80	0.	1.0000
56	1.50	0.0183	0.9666	56	1.50	0.	1.0000	56	5.00	0.	1.0000
57	1.60	0.0133	0.9798	57	1.60	0.	1.0000	57	5.20	0.	1.0000
58	1.70	0.0082	0.9881	58	1.70	0.	1.0000	58	5.40	0.	1.0000
59	1.80	0.0065	0.9946	59	1.80	0.	1.0000	59	5.60	0.	1.0000
60	1.90	0.0032	0.9978	60	1.90	0.	1.0000	60	5.80	0.	1.0000
61	2.00	0.0019	0.9997	61	2.00	0.	1.0000	61	6.00	0.	1.0000
62	2.10	0.0003	1.0000	62	2.10	0.	1.0000				
63	2.20	0.	1.0000	63	2.20	0.	1.0000				
64	2.30	0.	1.0000	64	2.30	0.	1.0000				
65	2.40	0.	1.0000	65	2.40	0.	1.0000				
66	2.50	0.	1.0000	66	2.50	0.	1.0000				
67	2.60	0.	1.0000	67	2.60	0.	1.0000				
68	2.70	0.	1.0000	68	2.70	0.	1.0000				
69	2.80	0.	1.0000	69	2.80	0.	1.0000				
70	2.90	0.	1.0000	70	2.90	0.	1.0000				
71	3.00	0.	1.0000	71	3.00	0.	1.0000				
72	3.10	0.	1.0000	72	3.10	0.	1.0000				
73	3.20	0.	1.0000	73	3.20	0.	1.0000				
74	3.30	0.	1.0000	74	3.30	0.	1.0000				
75	3.40	0.	1.0000	75	3.40	0.	1.0000				
76	3.50	0.	1.0000	76	3.50	0.	1.0000				
77	3.60	0.	1.0000	77	3.60	0.	1.0000				
78	3.70	0.	1.0000	78	3.70	0.	1.0000				
79	3.80	0.	1.0000	79	3.80	0.	1.0000				
80	3.90	0.	1.0000	80	3.90	0.	1.0000				
81	4.00	0.	1.0000	81	4.00	0.	1.0000				

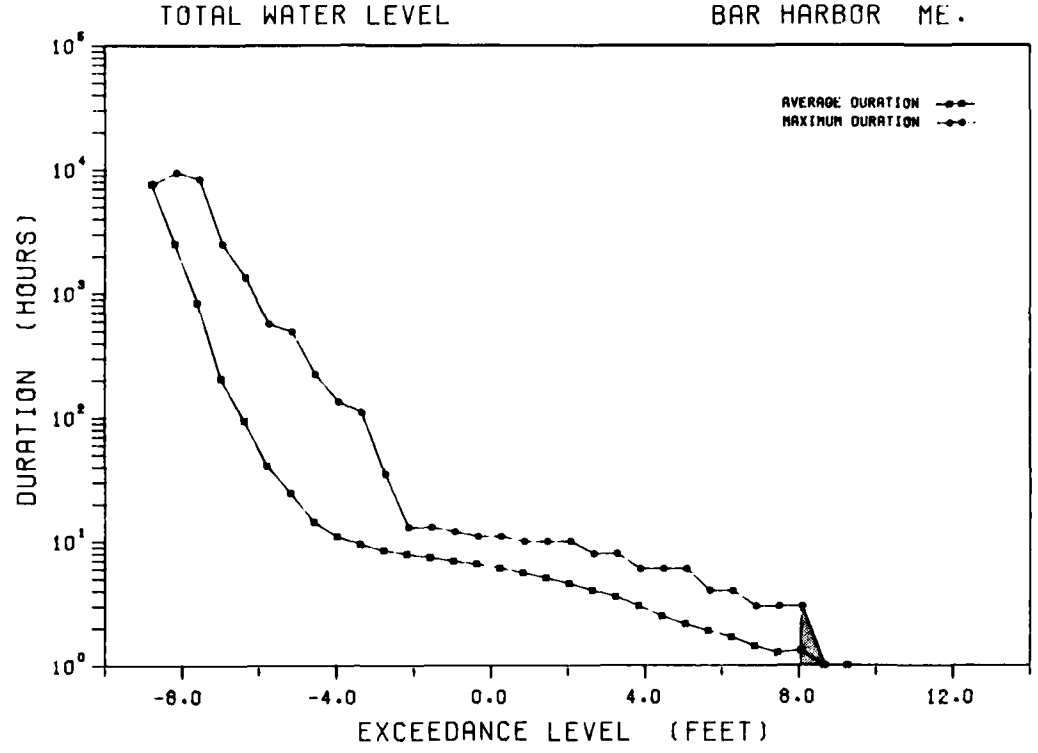
I - INTERVAL NUMBER X - INTERVAL CENTER VALUE

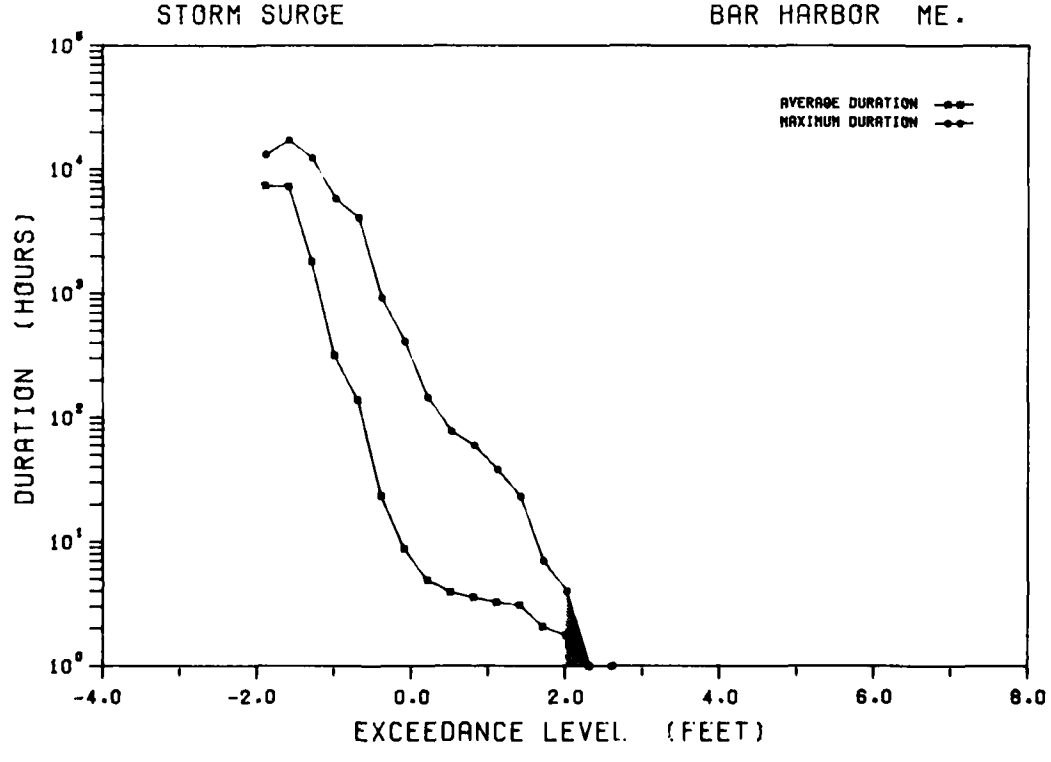
P(X) - PROBABILITY MASS FUNCTION F(X) - CUMULATIVE DISTRIBUTION FUNCTION

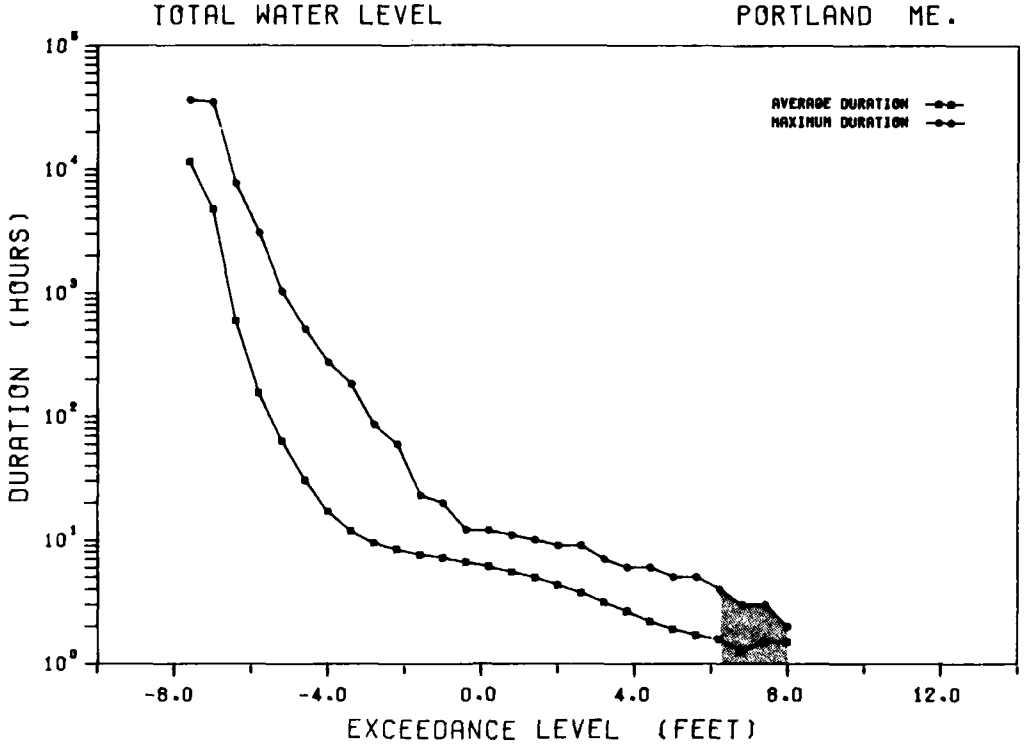
APPENDIX C
DURATION STATISTICS

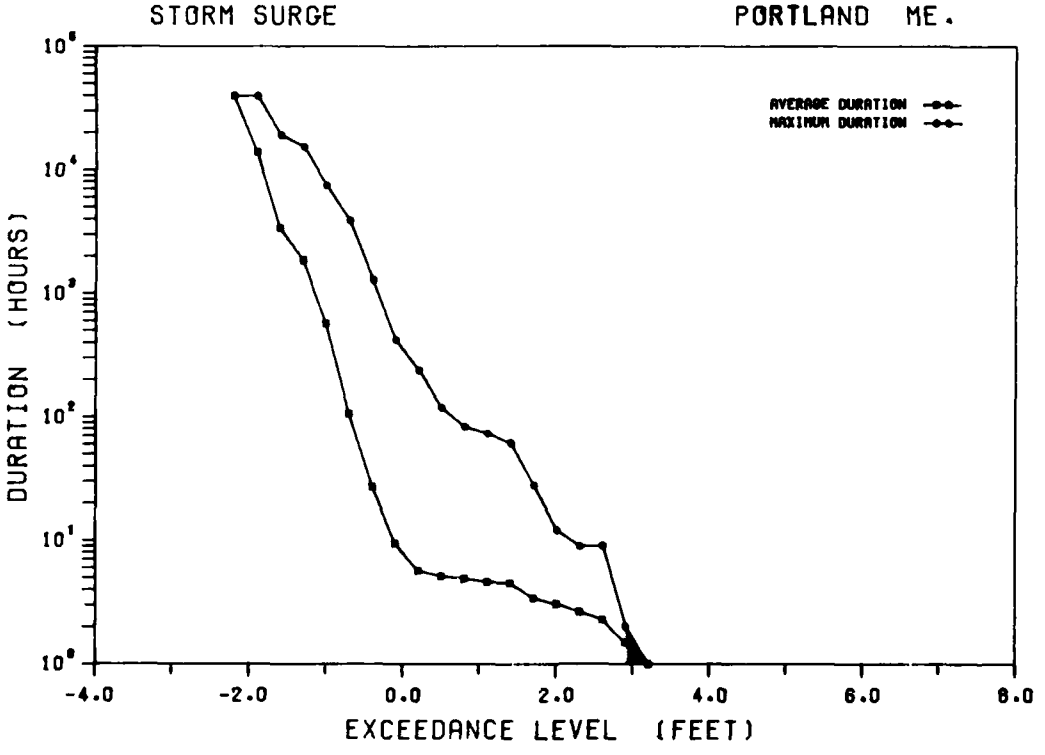

TOTAL WATER LEVEL
EASTPORT ME.
AVERAGE DURATION
MAXIMUM DURATION
DURATION (HOURS)
10^5
10^4
10^3
10^2
10^1
10^0
-16.0
-8.0
0.0
8.0
16.0
EXCEEDANCE LEVEL (FEET)

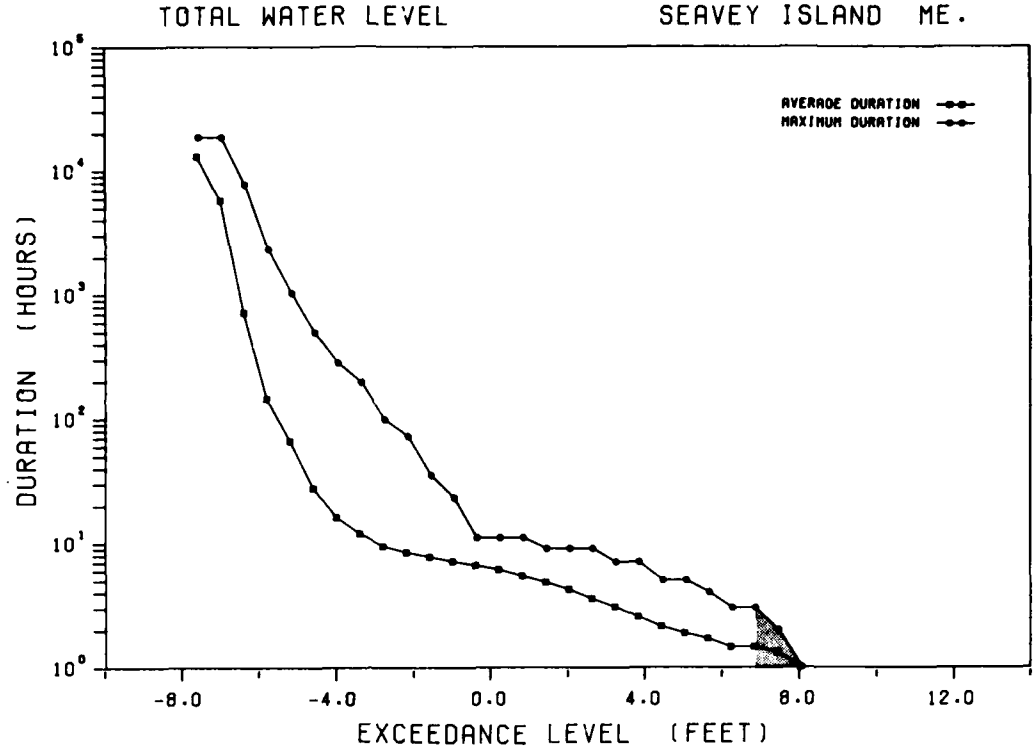

STORM SURGE
EASTPORT ME.
AVERAGE DURATION
MAXIMUM DURATION
DURATION (HOURS)
10^5
10^4
10^3
10^2
10^1
10^0
-4.0
-2.0
0.0
2.0
4.0
6.0
8.0
EXCEEDANCE LEVEL (FEET)

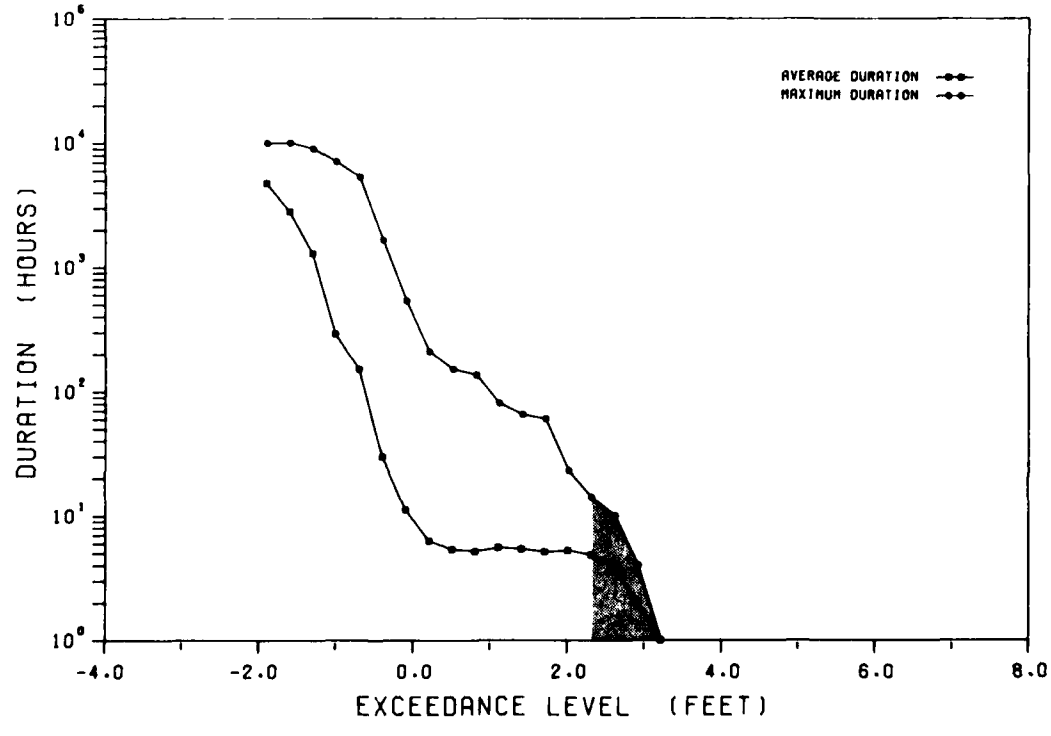

TOTAL WATER LEVEL
BAR HARBOR ME.
AVERAGE DURATION
MAXIMUM DURATION
DURATION (HOURS)
10^5
10^4
10^3
10^2
10^1
10^0
-8.0
-4.0
0.0
4.0
8.0
12.0
EXCEEDANCE LEVEL (FEET)

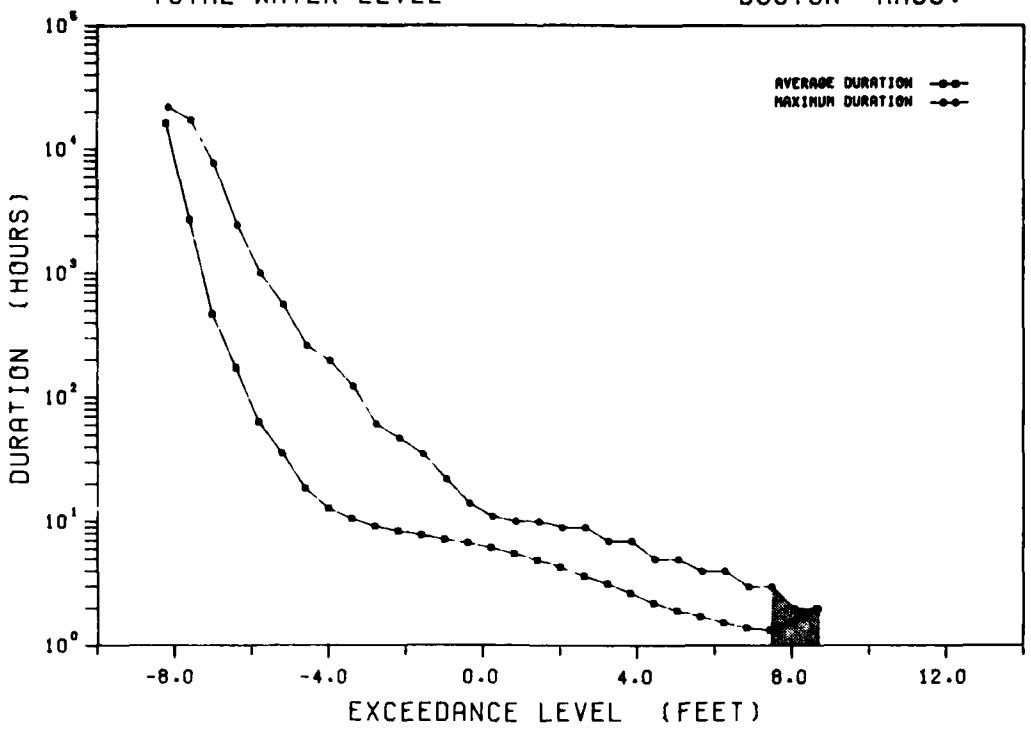

STORM SURGE
BAR HARBOR ME.
AVERAGE DURATION
MAXIMUM DURATION
DURATION (HOURS)
10^5
10^4
10^3
10^2
10^1
10^0
-4.0
-2.0
0.0
2.0
4.0
6.0
8.0
EXCEEDANCE LEVEL (FEET)

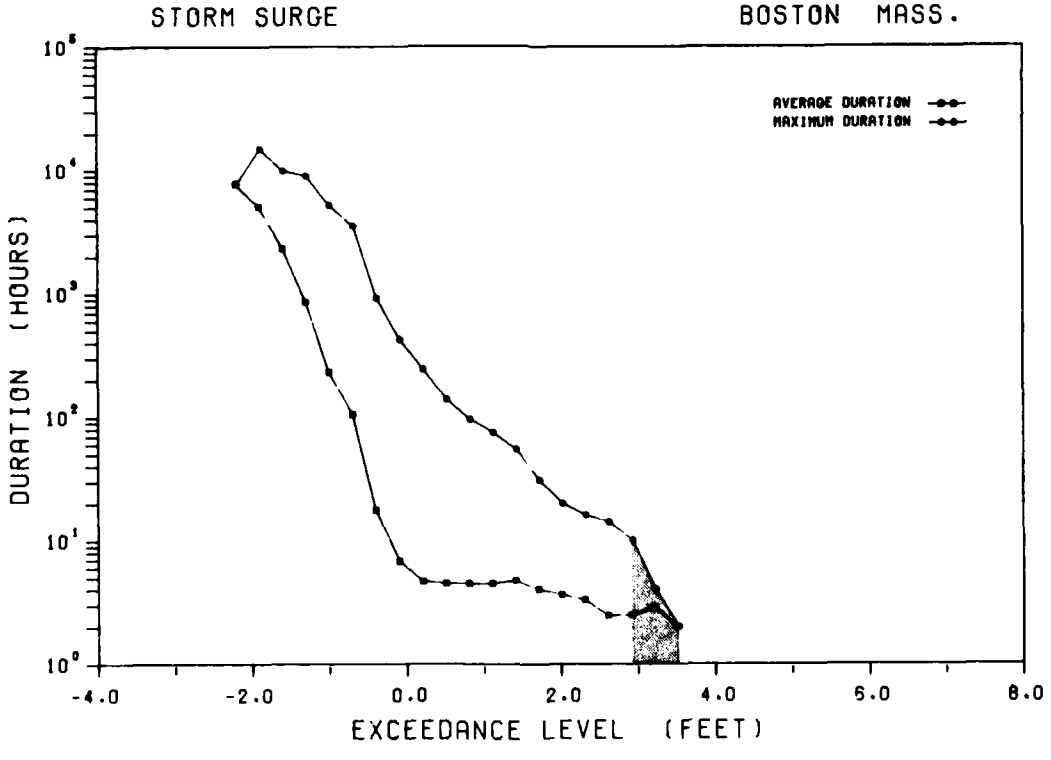

TOTAL WATER LEVEL
PORTLAND ME.
AVERAGE DURATION
MAXIMUM DURATION
DURATION (HOURS)
10^5
10^4
10^3
10^2
10^1
10^0
-8.0
-4.0
0.0
4.0
8.0
12.0
EXCEEDANCE LEVEL (FEET)

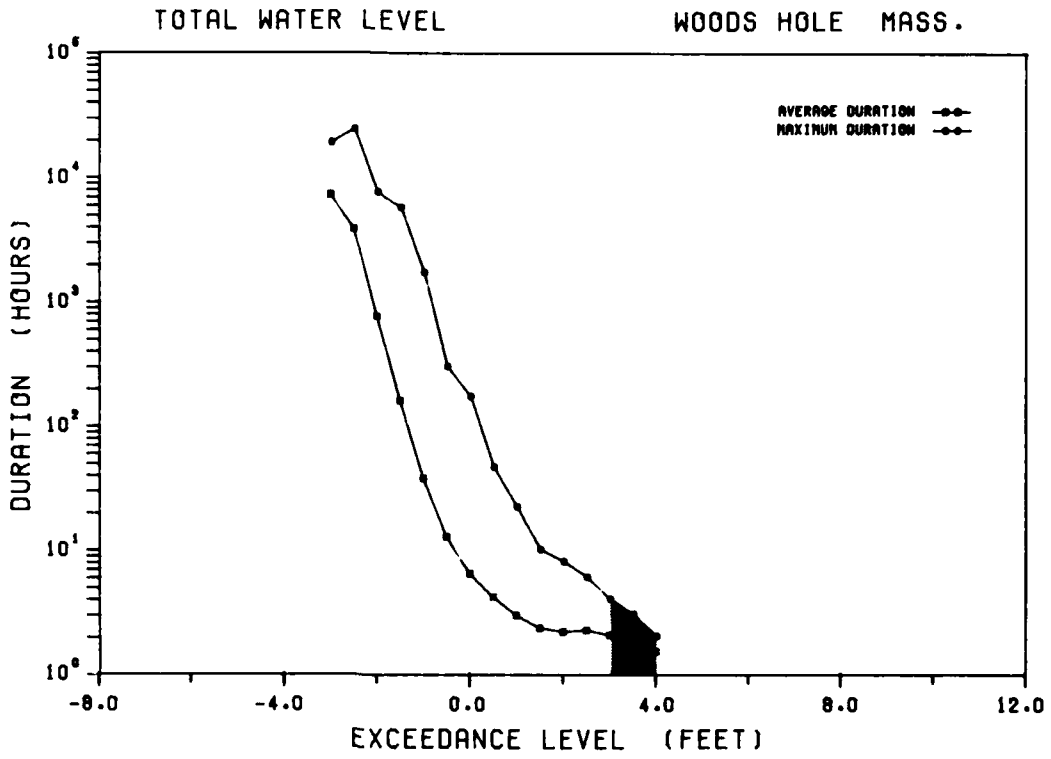

STORM SURGE
PORTLAND ME.
AVERAGE DURATION
MAXIMUM DURATION
DURATION (HOURS)
10^5
10^4
10^3
10^2
10^1
10^0
-4.0
-2.0
0.0
2.0
4.0
6.0
8.0
EXCEEDANCE LEVEL (FEET)

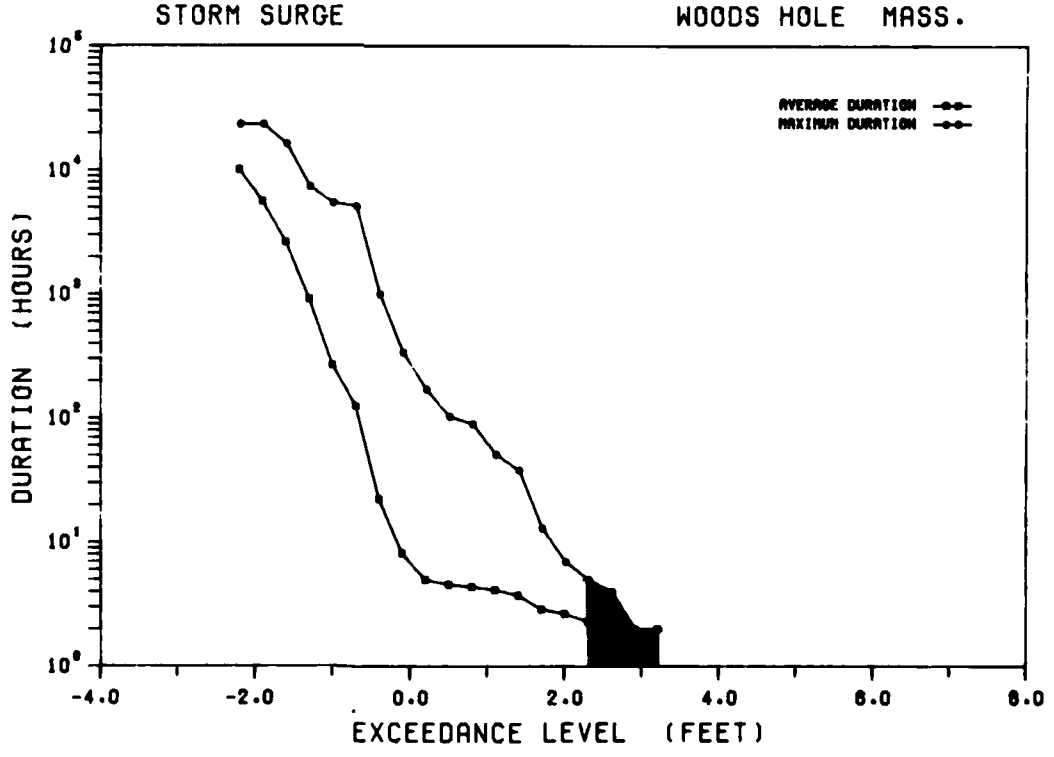

TOTAL WATER LEVEL
SEAVEY ISLAND ME.
AVERAGE DURATION
MAXIMUM DURATION
DURATION (HOURS)
10^0
10^1
10^2
10^3
10^4
10^5
-8.0
-4.0
0.0
4.0
8.0
12.0
EXCEEDANCE LEVEL (FEET)

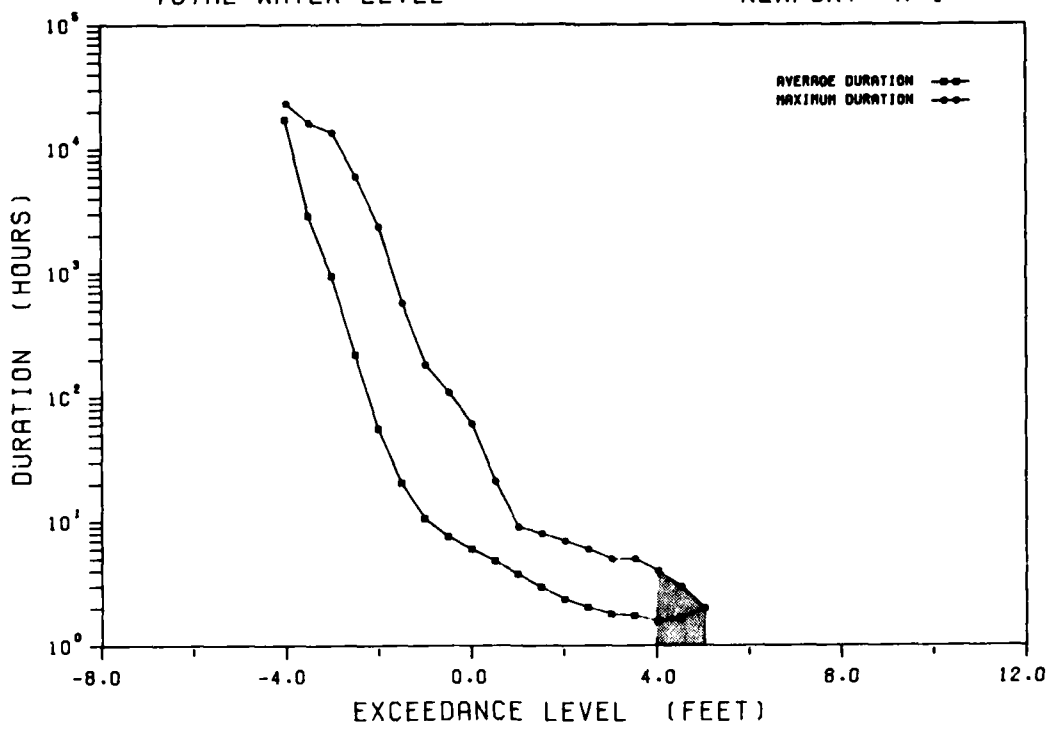

STORM SURGE
SEAVEY ISLAND ME.
AVERAGE DURATION
MAXIMUM DURATION
DURATION (HOURS)
10^0
10^1
10^2
10^3
10^4
10^5
-4.0
-2.0
0.0
2.0
4.0
6.0
8.0
EXCEEDANCE LEVEL (FEET)

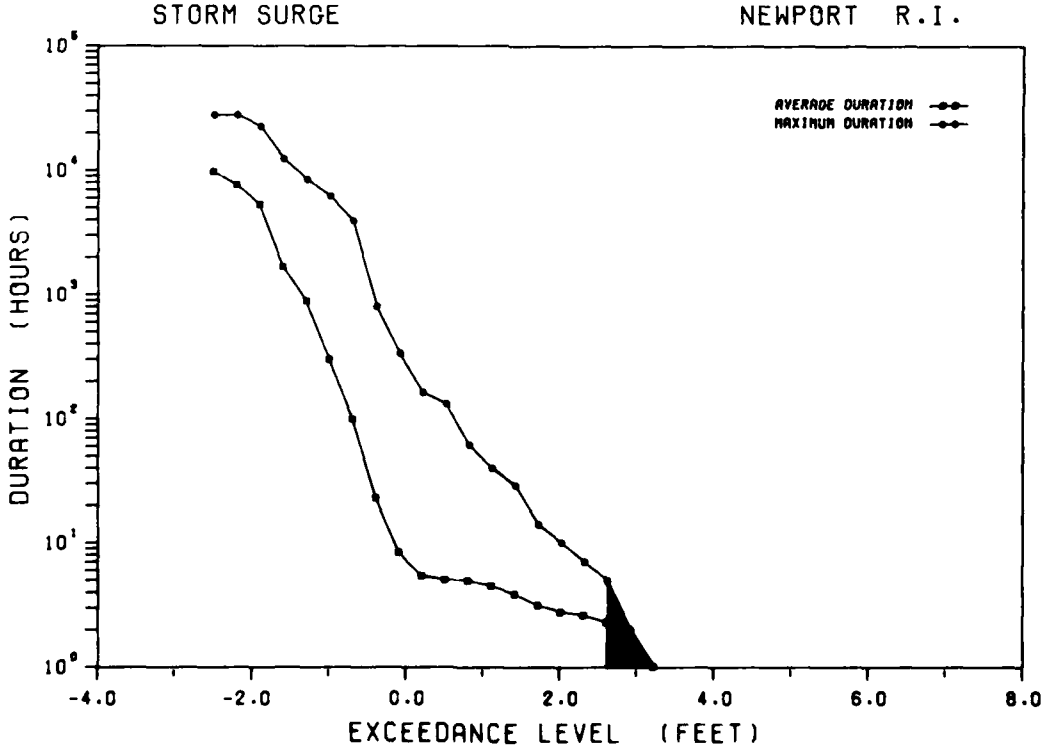

TOTAL WATER LEVEL
BOSTON MASS.
AVERAGE DURATION
MAXIMUM DURATION
DURATION (HOURS)
10^5
10^4
10^3
10^2
10^1
10^0
-8.0
-4.0
0.0
4.0
8.0
12.0
EXCEEDANCE LEVEL (FEET)

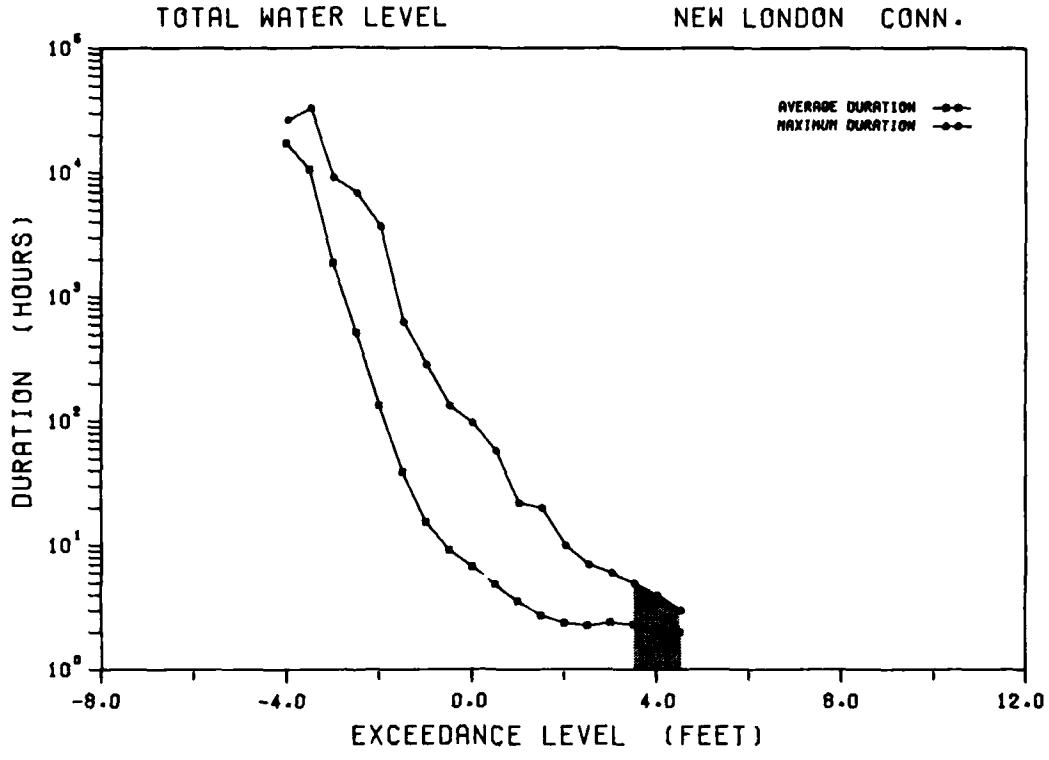

STORM SURGE
BOSTON MASS.
AVERAGE DURATION
MAXIMUM DURATION
DURATION (HOURS)
10^5
10^4
10^3
10^2
10^1
10^0
-4.0
-2.0
0.0
2.0
4.0
6.0
8.0
EXCEEDANCE LEVEL (FEET)

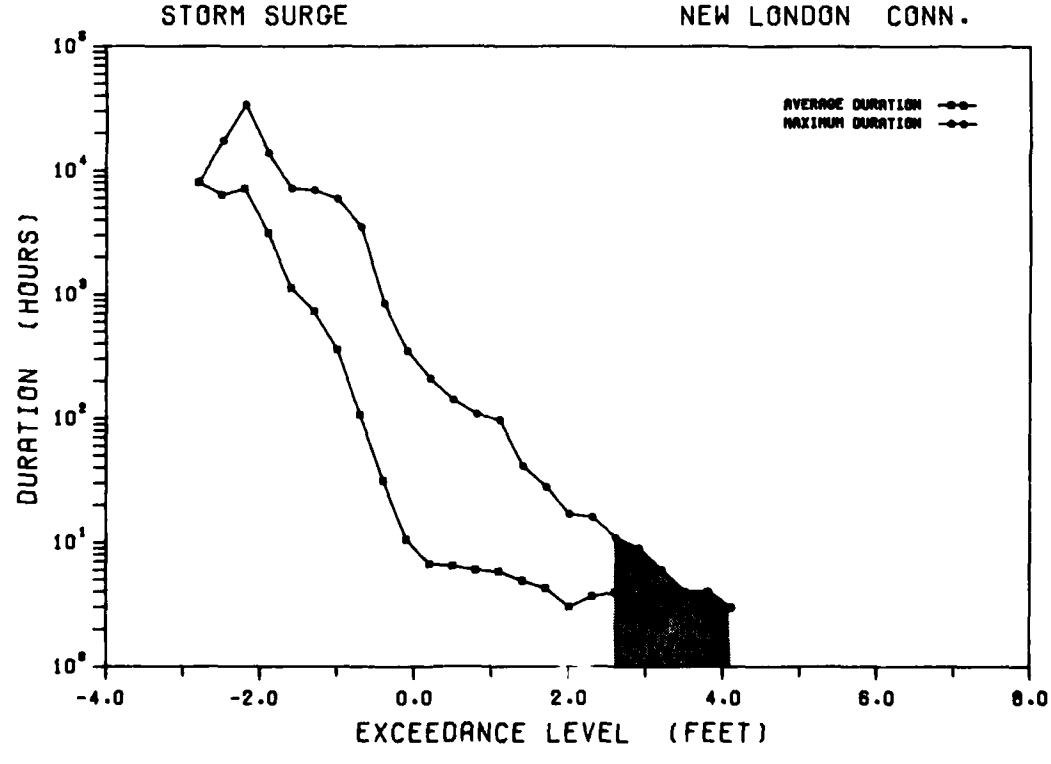

TOTAL WATER LEVEL
WOODS HOLE MASS.
AVERAGE DURATION
MAXIMUM DURATION
DURATION (HOURS)
EXCEEDANCE LEVEL (FEET)

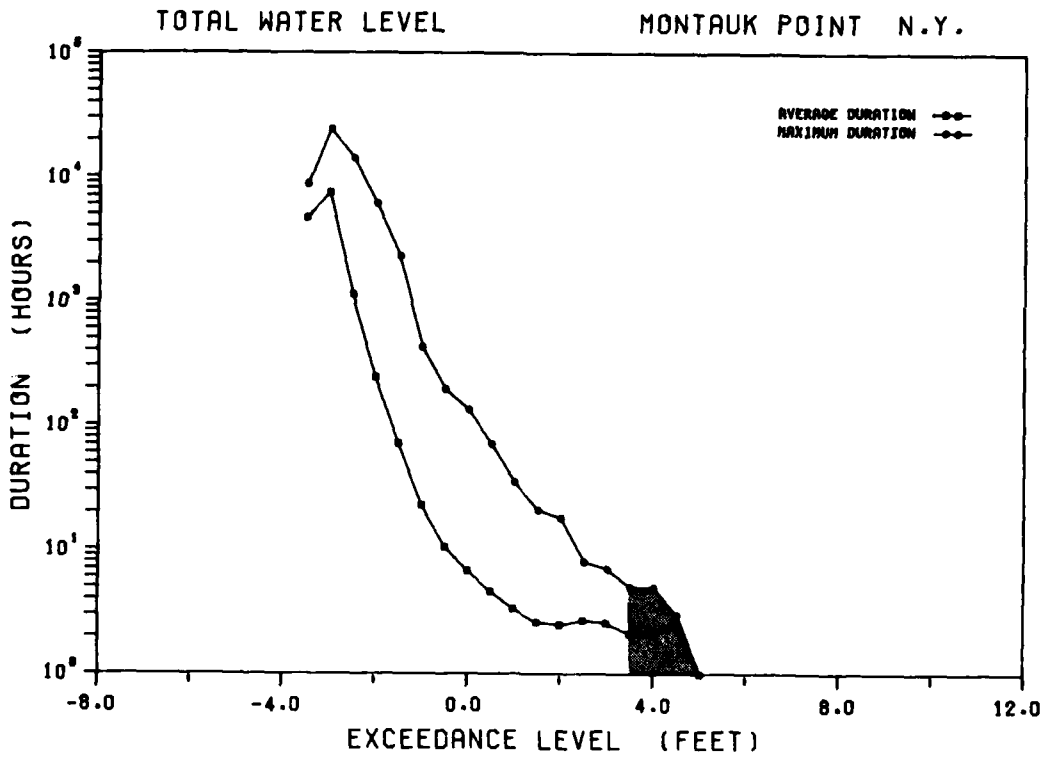

STORM SURGE
WOODS HOLE MASS.
AVERAGE DURATION
MAXIMUM DURATION
DURATION (HOURS)
EXCEEDANCE LEVEL (FEET)

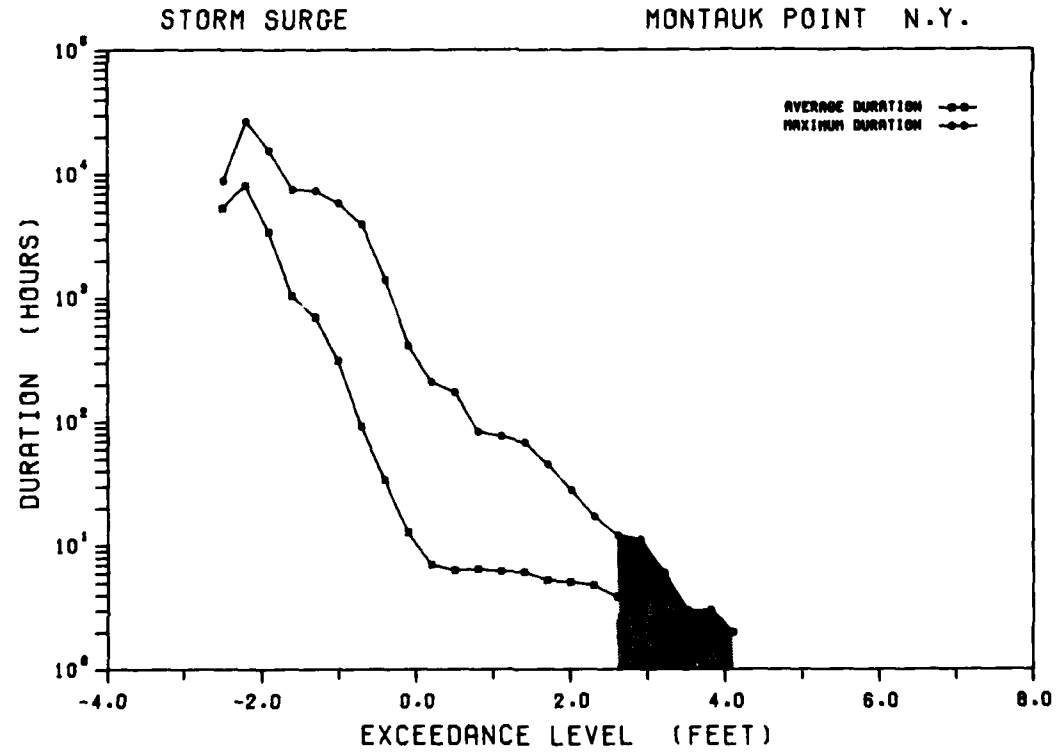

TOTAL WATER LEVEL
NEWPORT R.I.
AVERAGE DURATION
MAXIMUM DURATION
DURATION (HOURS)
10^5
10^4
10^3
10^2
10^1
10^0
-8.0
-4.0
0.0
4.0
8.0
12.0
EXCEEDANCE LEVEL (FEET)

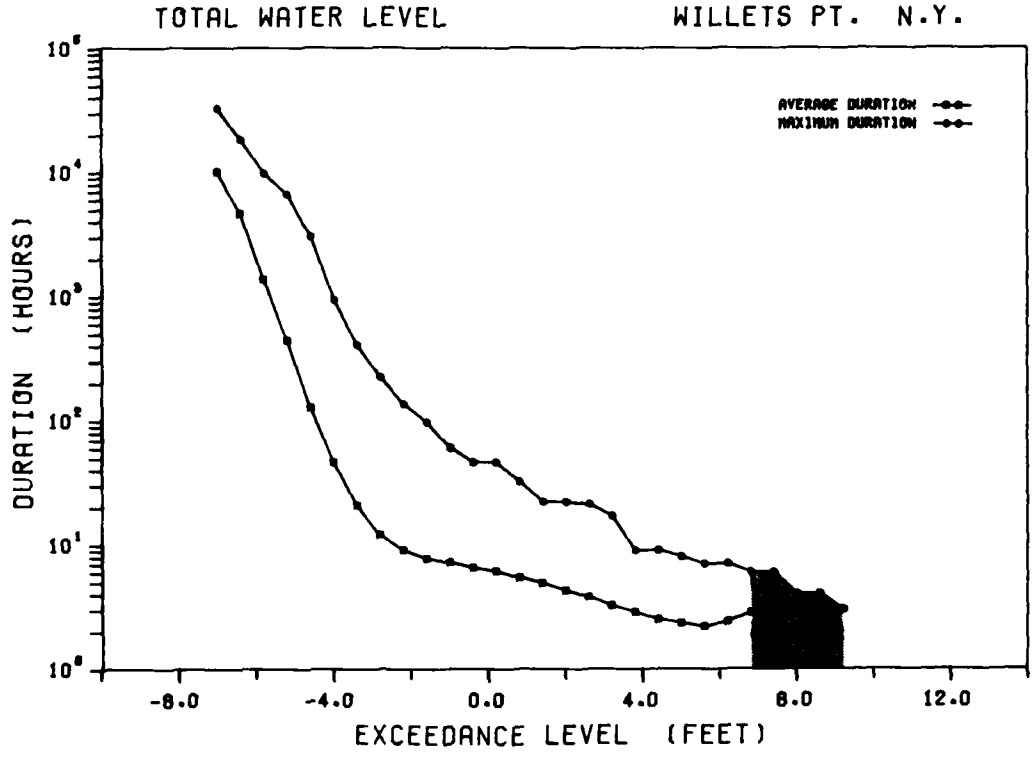

STORM SURGE
NEWPORT R.I.
AVERAGE DURATION
MAXIMUM DURATION
DURATION (HOURS)
10^5
10^4
10^3
10^2
10^1
10^0
-4.0
-2.0
0.0
2.0
4.0
6.0
8.0
EXCEEDANCE LEVEL (FEET)

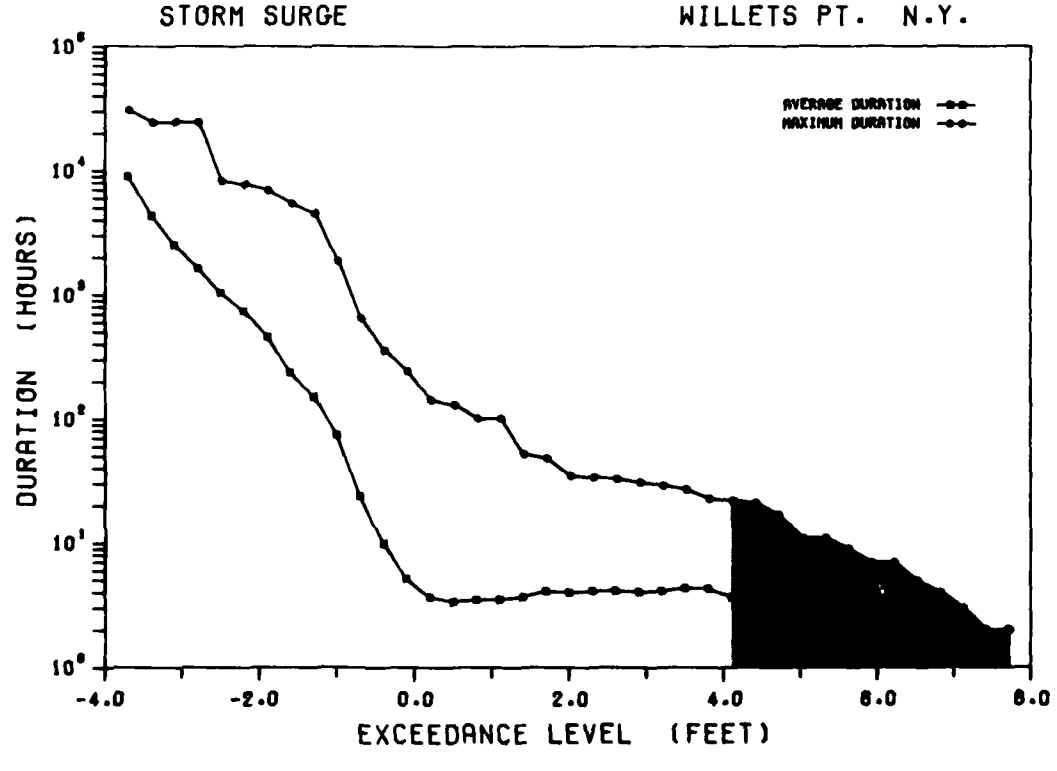

TOTAL WATER LEVEL
NEW LONDON CONN.
AVERAGE DURATION
MAXIMUM DURATION
DURATION (HOURS)
10^5
10^4
10^3
10^2
10^1
10^0
-8.0
-4.0
0.0
4.0
8.0
12.0
EXCEEDANCE LEVEL (FEET)

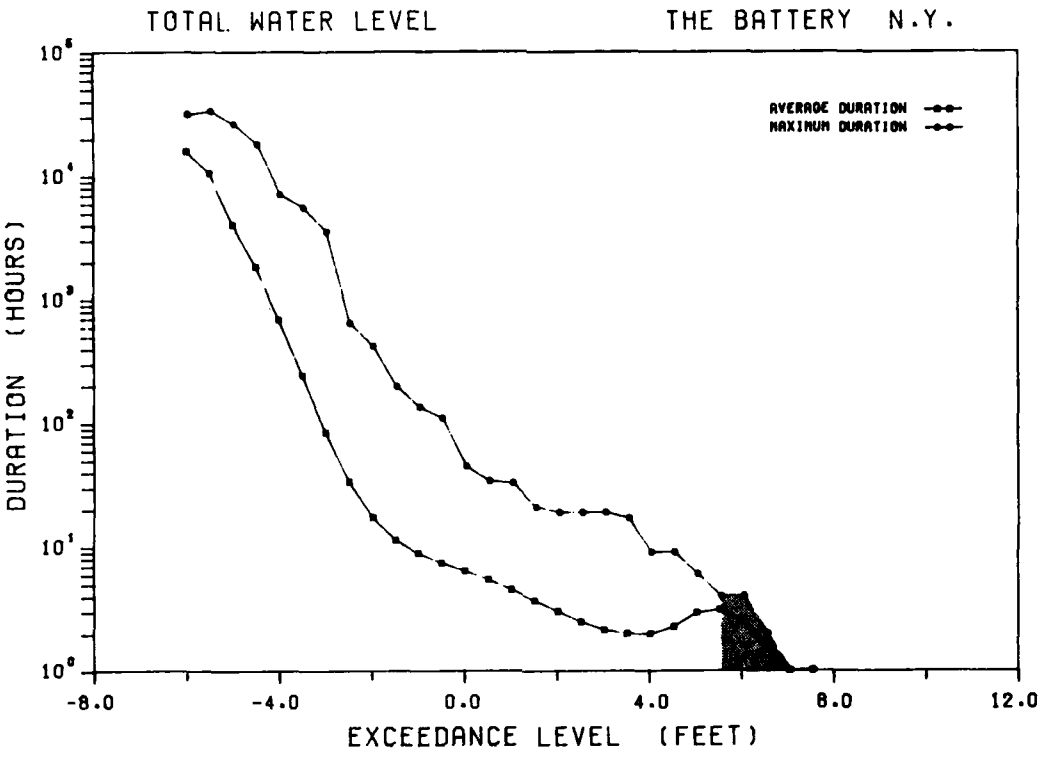

STORM SURGE
NEW LONDON CONN.
AVERAGE DURATION
MAXIMUM DURATION
DURATION (HOURS)
10^5
10^4
10^3
10^2
10^1
10^0
-4.0
-2.0
0.0
2.0
4.0
6.0
8.0
EXCEEDANCE LEVEL (FEET)

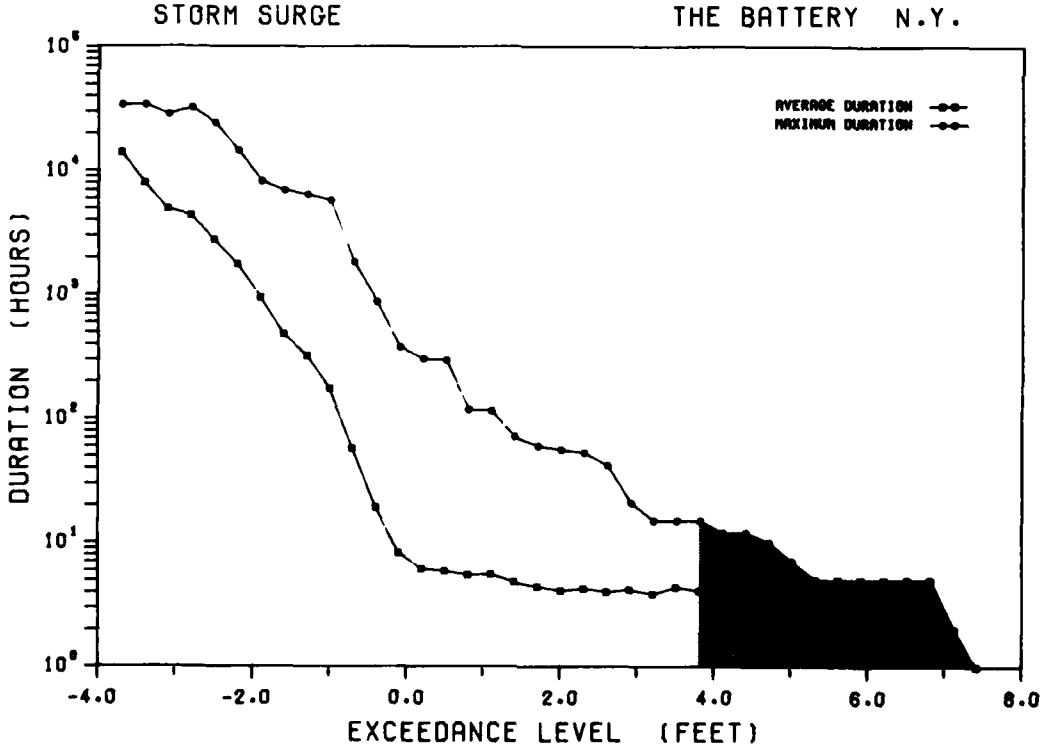

TOTAL WATER LEVEL
MONTAUK POINT N.Y.
AVERAGE DURATION
MAXIMUM DURATION
DURATION (HOURS)
EXCEEDANCE LEVEL (FEET)

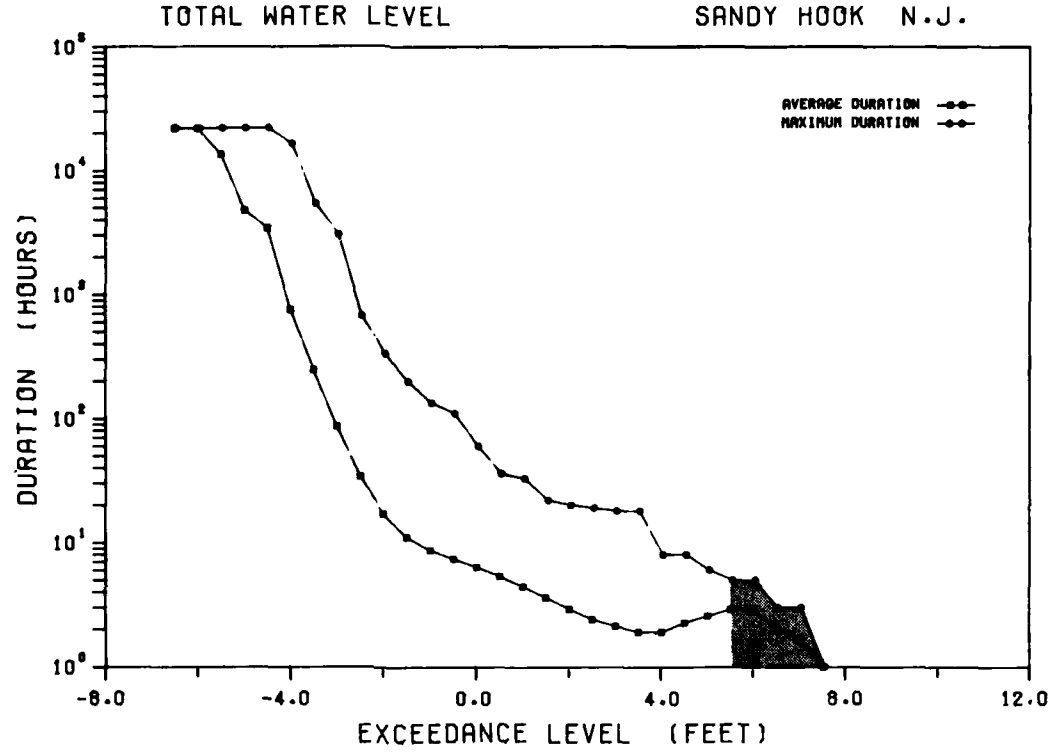

STORM SURGE
MONTAUK POINT N.Y.
AVERAGE DURATION
MAXIMUM DURATION
DURATION (HOURS)
EXCEEDANCE LEVEL (FEET)

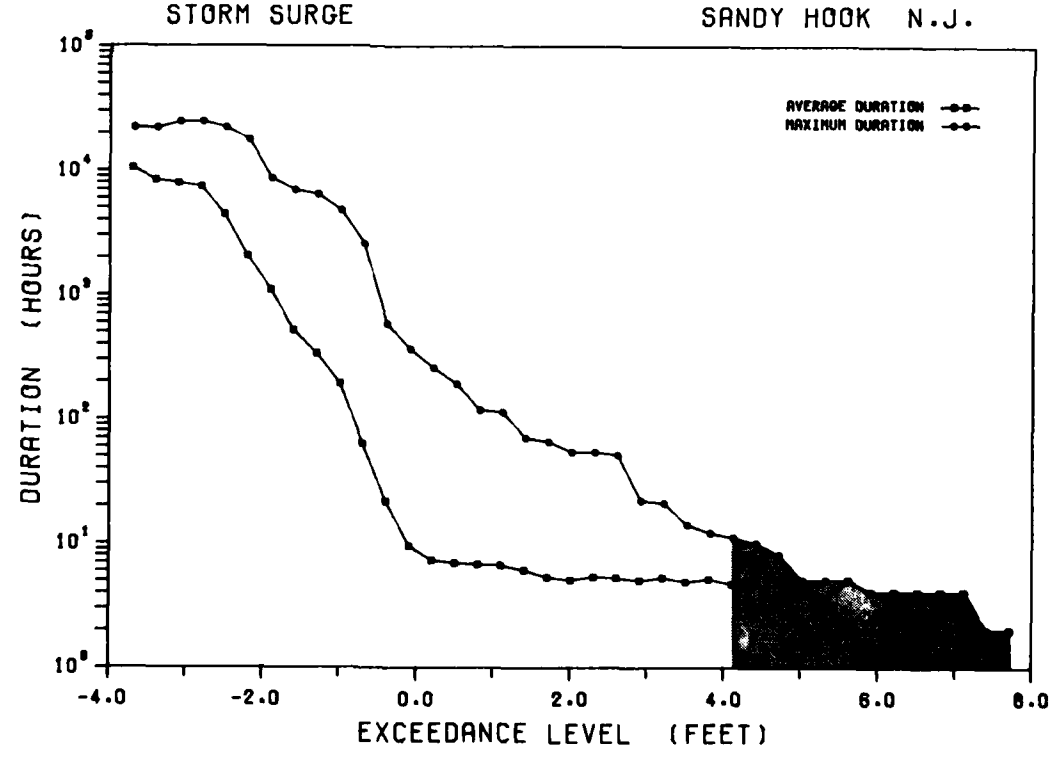

TOTAL WATER LEVEL
WILLETS PT. N.Y.
AVERAGE DURATION
MAXIMUM DURATION
DURATION (HOURS)
10^5
10^4
10^3
10^2
10^1
10^0
-8.0
-4.0
0.0
4.0
8.0
12.0
EXCEEDANCE LEVEL (FEET)

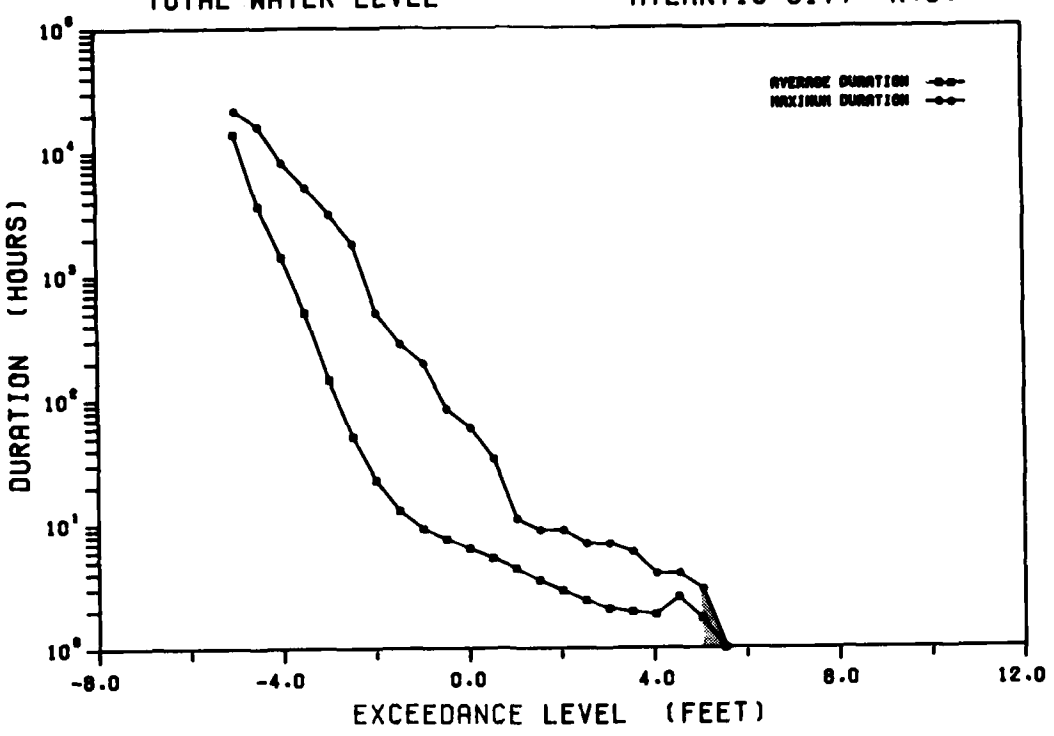

STORM SURGE
WILLETS PT. N.Y.
AVERAGE DURATION
MAXIMUM DURATION
DURATION (HOURS)
10^5
10^4
10^3
10^2
10^1
10^0
-4.0
-2.0
0.0
2.0
4.0
6.0
8.0
EXCEEDANCE LEVEL (FEET)

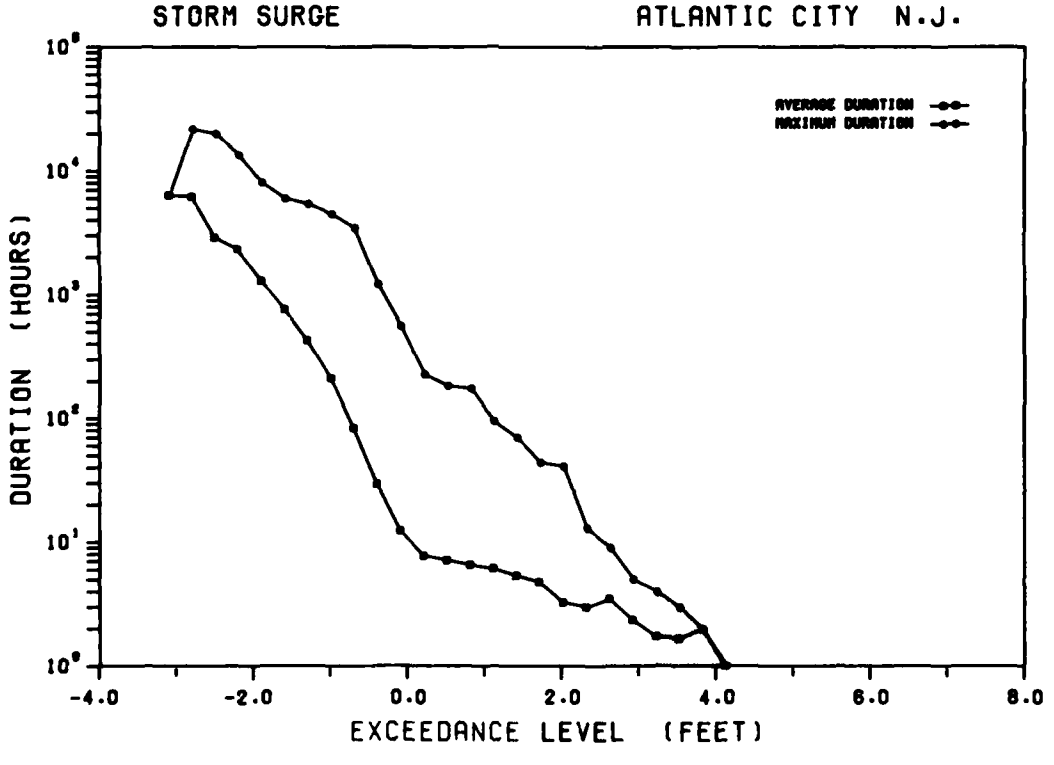

TOTAL WATER LEVEL
THE BATTERY N.Y.
AVERAGE DURATION
MAXIMUM DURATION
DURATION (HOURS)
EXCEEDANCE LEVEL (FEET)
-8.0
-4.0
0.0
4.0
8.0
12.0

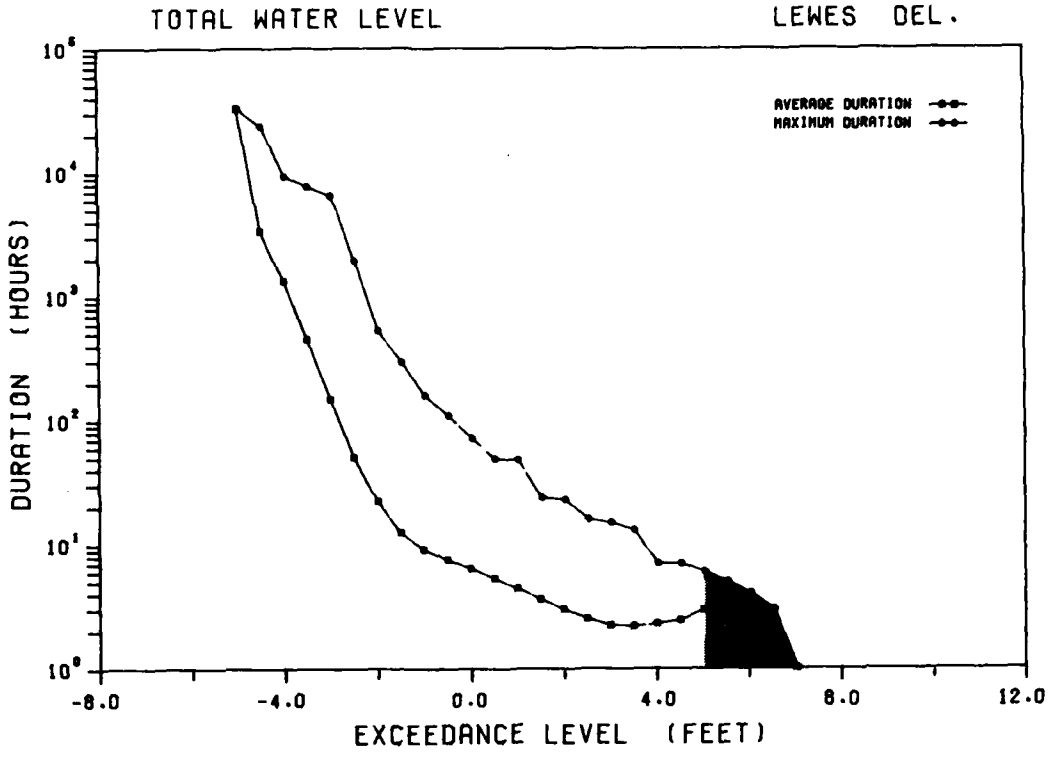

STORM SURGE
THE BATTERY N.Y.
AVERAGE DURATION
MAXIMUM DURATION
DURATION (HOURS)
EXCEEDANCE LEVEL (FEET)
-4.0
-2.0
0.0
2.0
4.0
6.0
8.0

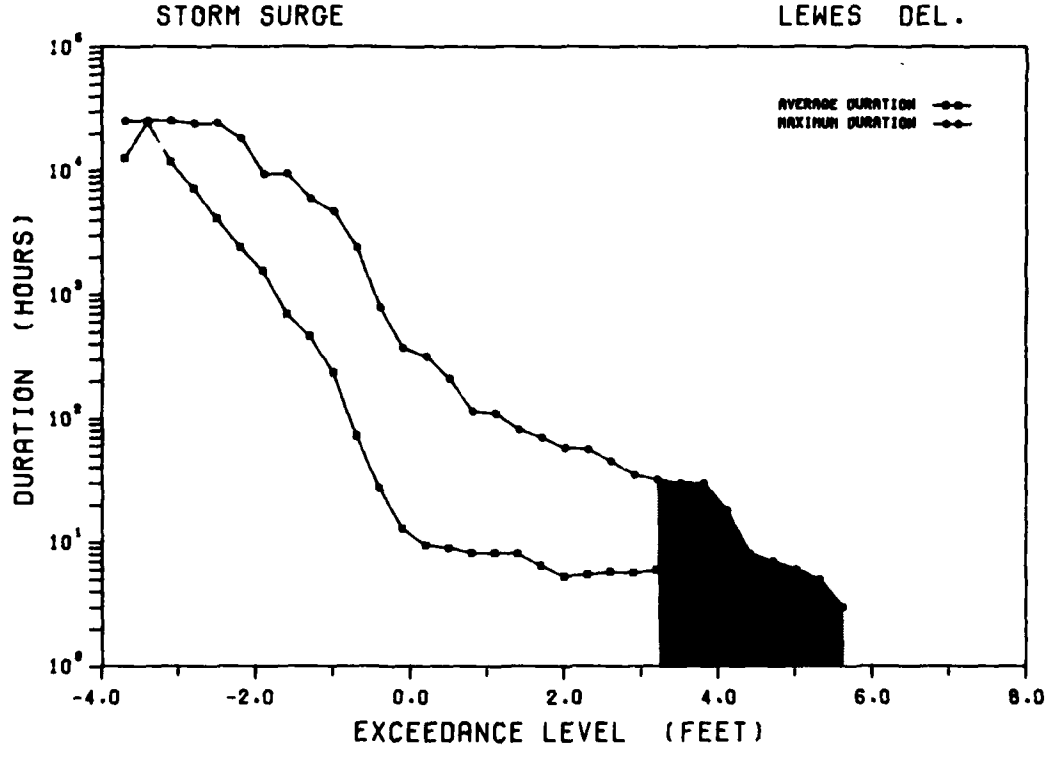

TOTAL WATER LEVEL
SANDY HOOK N.J.
AVERAGE DURATION
MAXIMUM DURATION
DURATION (HOURS)
EXCEEDANCE LEVEL (FEET)
-8.0
-4.0
0.0
4.0
8.0
12.0

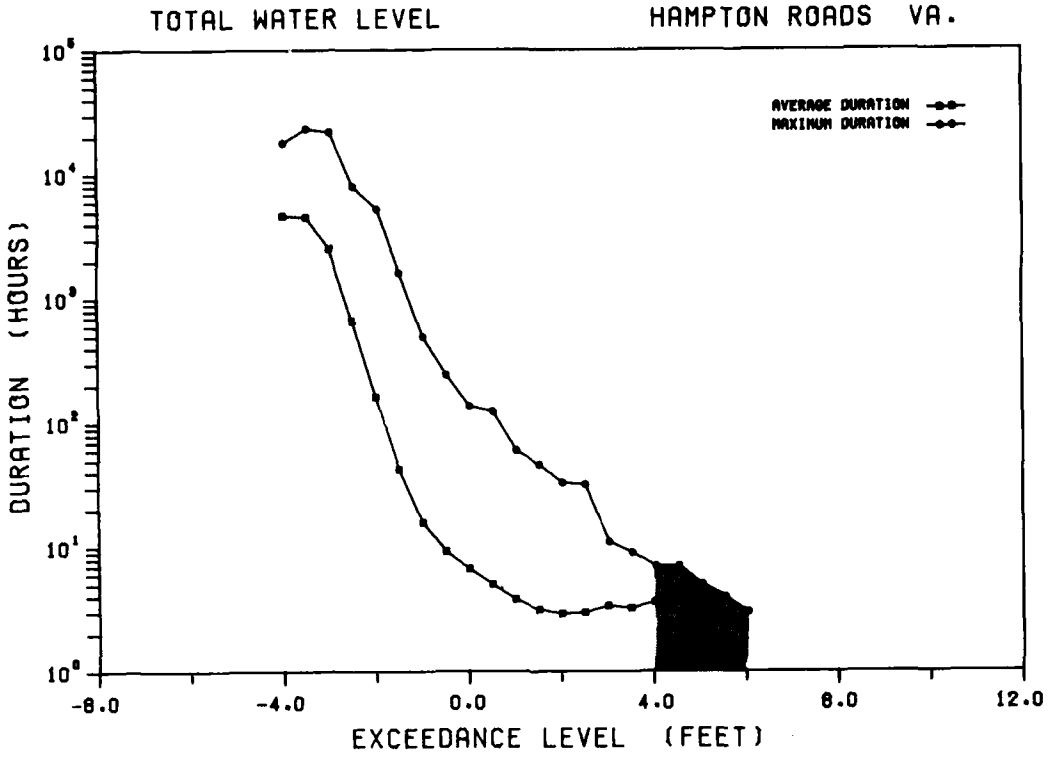

STORM SURGE
SANDY HOOK N.J.
AVERAGE DURATION
MAXIMUM DURATION
DURATION (HOURS)
EXCEEDANCE LEVEL (FEET)
-4.0
-2.0
0.0
2.0
4.0
6.0
8.0

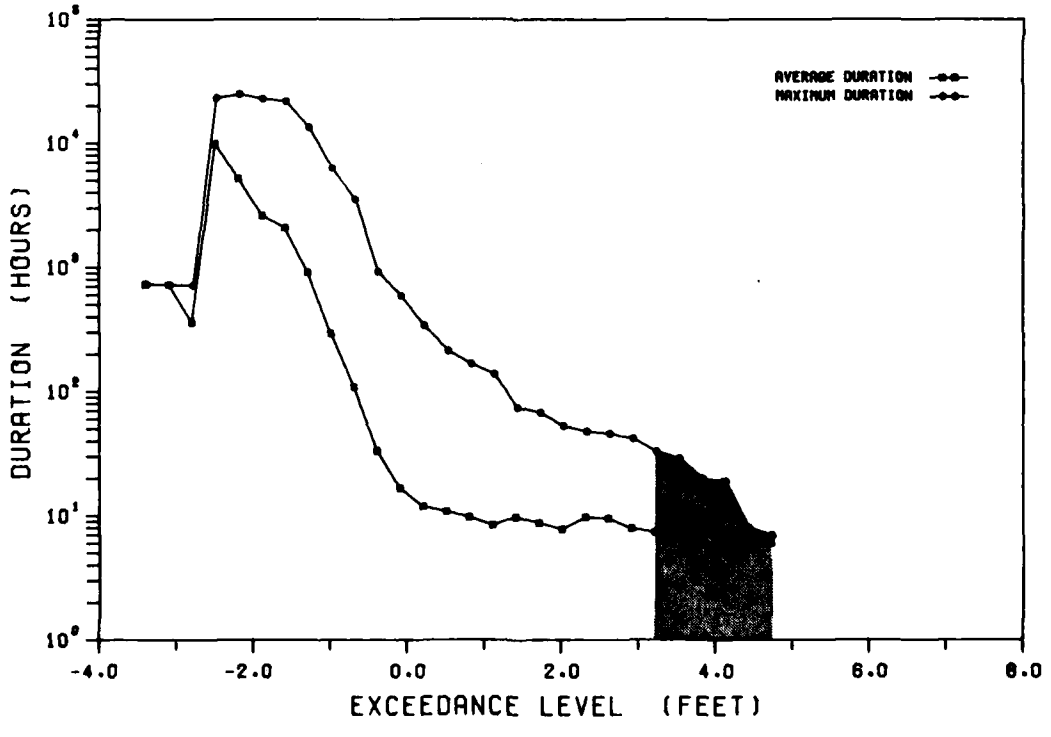

TOTAL WATER LEVEL
ATLANTIC CITY N.J.
AVERAGE DURATION
MAXIMUM DURATION
DURATION (HOURS)
EXCEEDANCE LEVEL (FEET)
-8.0
-4.0
0.0
4.0
8.0
12.0

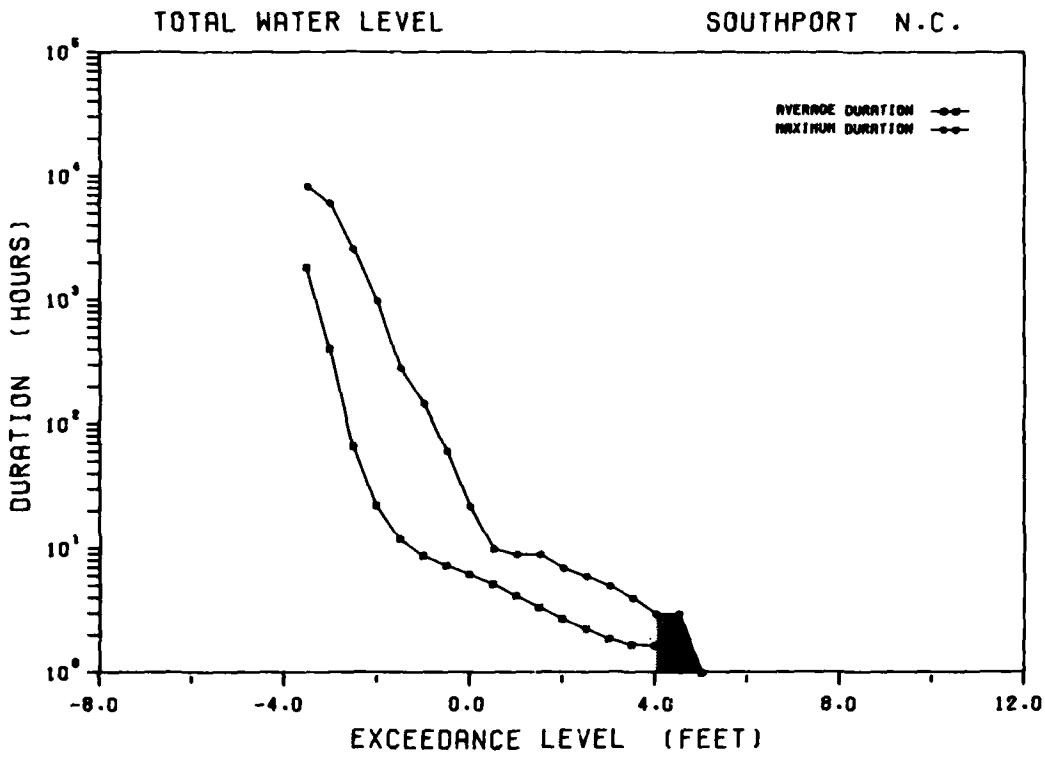

STORM SURGE
ATLANTIC CITY N.J.
AVERAGE DURATION
MAXIMUM DURATION
DURATION (HOURS)
EXCEEDANCE LEVEL (FEET)
-4.0
-2.0
0.0
2.0
4.0
6.0
8.0

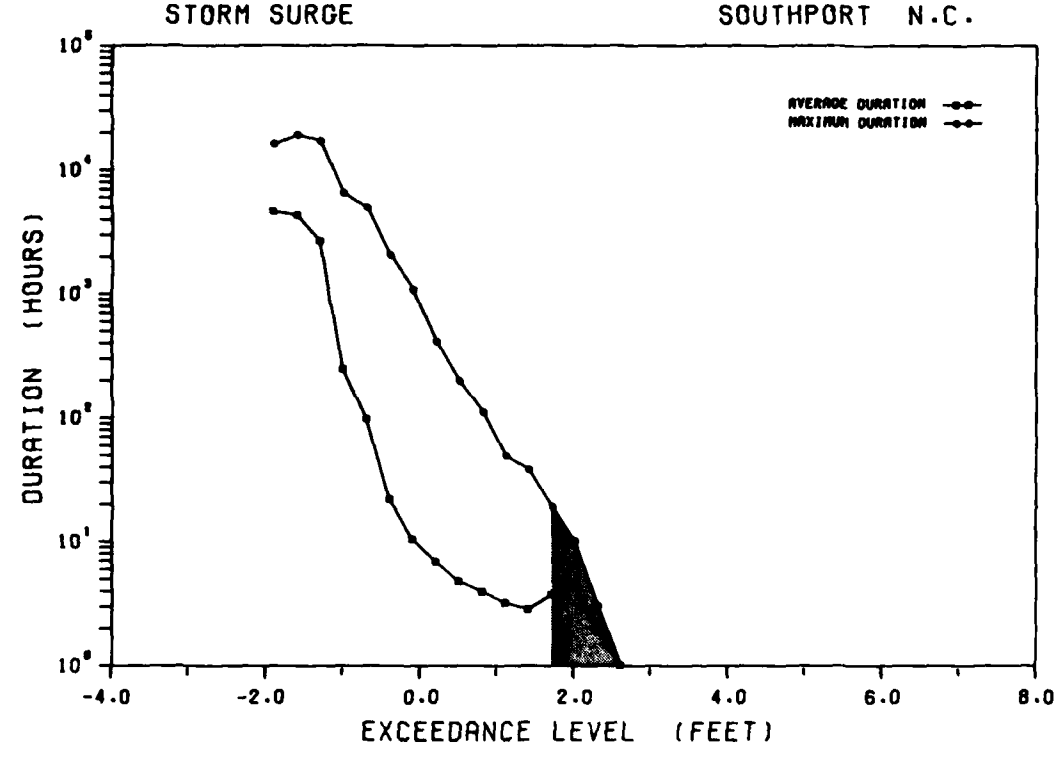

TOTAL WATER LEVEL
LEWES DEL.
AVERAGE DURATION
MAXIMUM DURATION
DURATION (HOURS)
10^6
10^4
10^3
10^2
10^1
10^0
-8.0
-4.0
0.0
4.0
8.0
12.0
EXCEEDANCE LEVEL (FEET)

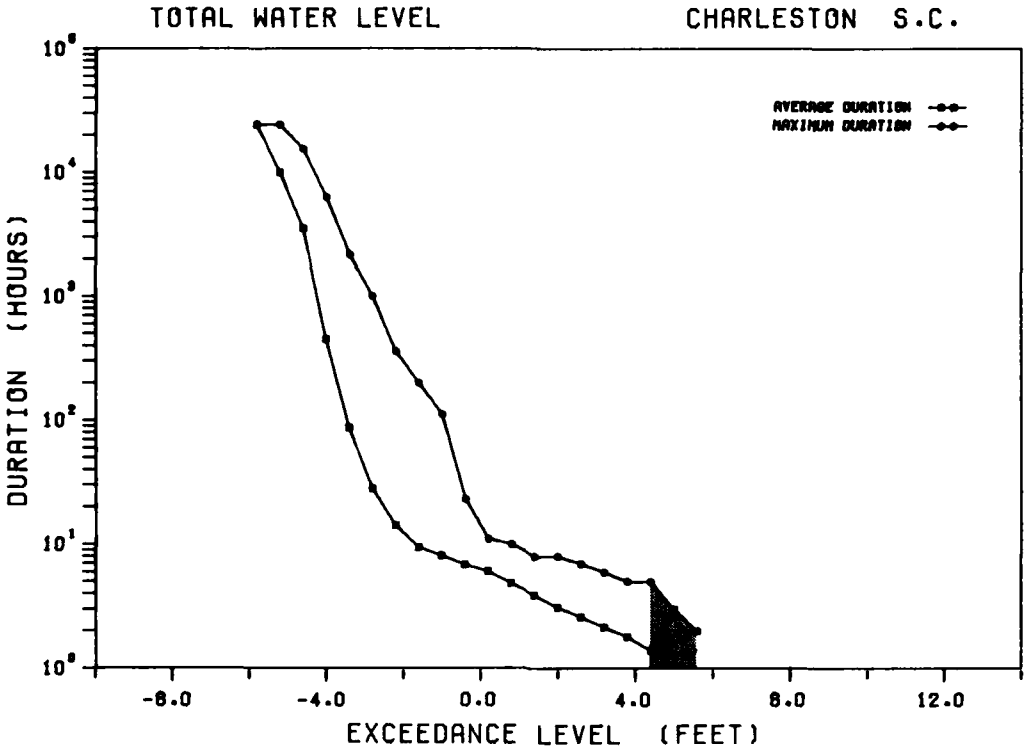

STORM SURGE
LEWES DEL.
AVERAGE DURATION
MAXIMUM DURATION
DURATION (HOURS)
10^6
10^4
10^3
10^2
10^1
10^0
-4.0
-2.0
0.0
2.0
4.0
6.0
8.0
EXCEEDANCE LEVEL (FEET)

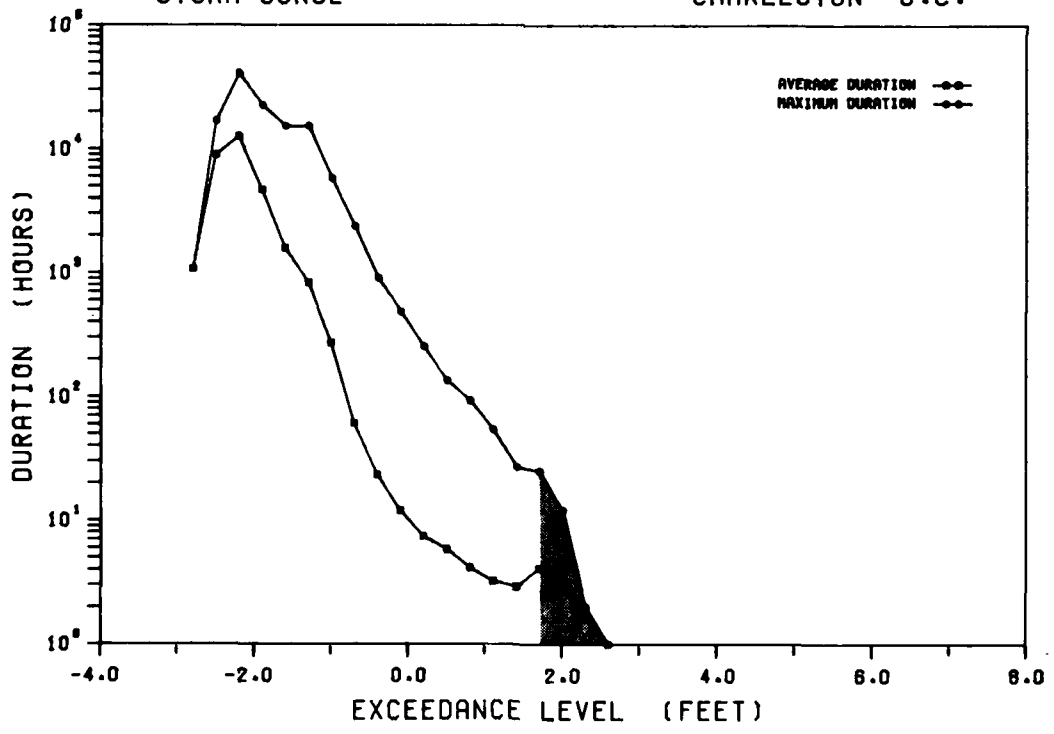

TOTAL WATER LEVEL
HAMPTON ROADS VA.
AVERAGE DURATION
MAXIMUM DURATION
DURATION (HOURS)
10^5
10^4
10^3
10^2
10^1
10^0
-8.0
-4.0
0.0
4.0
8.0
12.0
EXCEEDANCE LEVEL (FEET)

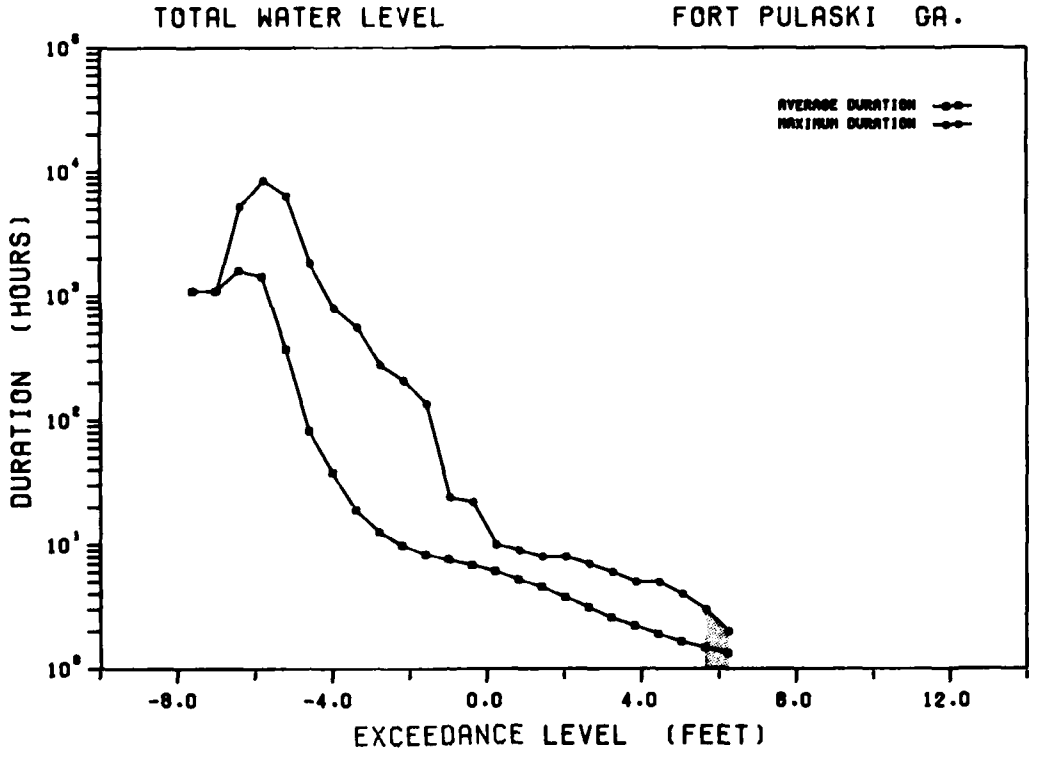

STORM SURGE
HAMPTON ROADS VA.
AVERAGE DURATION
MAXIMUM DURATION
DURATION (HOURS)
10^5
10^4
10^3
10^2
10^1
10^0
-4.0
-2.0
0.0
2.0
4.0
6.0
8.0
EXCEEDANCE LEVEL (FEET)

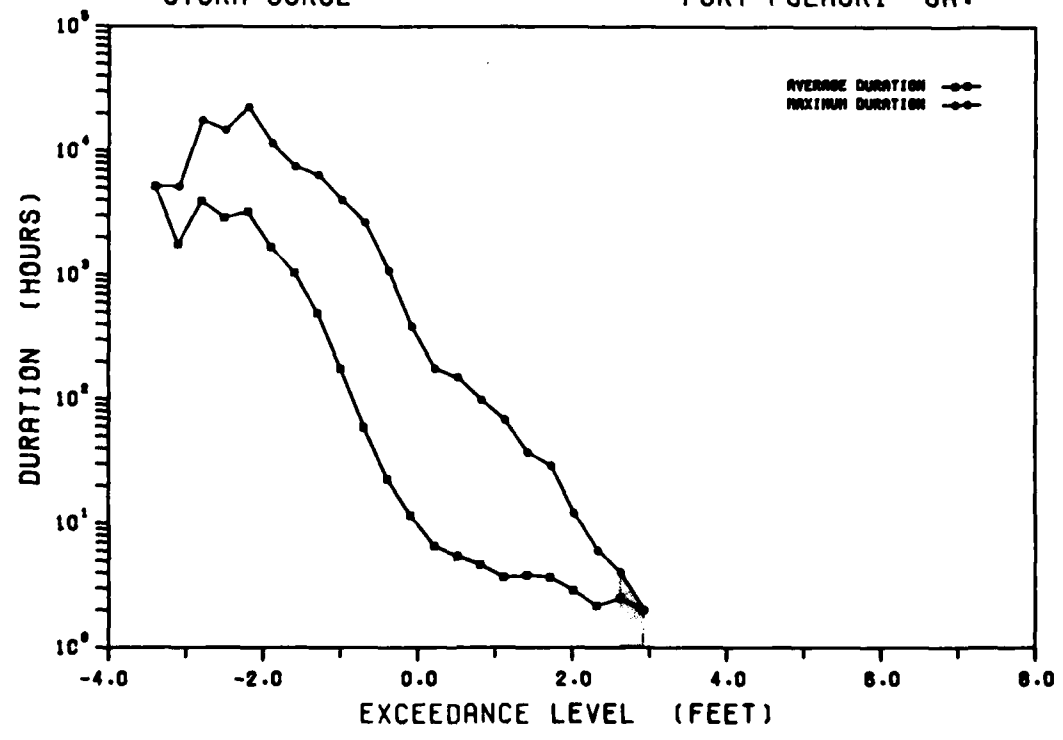

TOTAL WATER LEVEL
SOUTHPORT N.C.
AVERAGE DURATION
MAXIMUM DURATION
DURATION (HOURS)
EXCEEDANCE LEVEL (FEET)

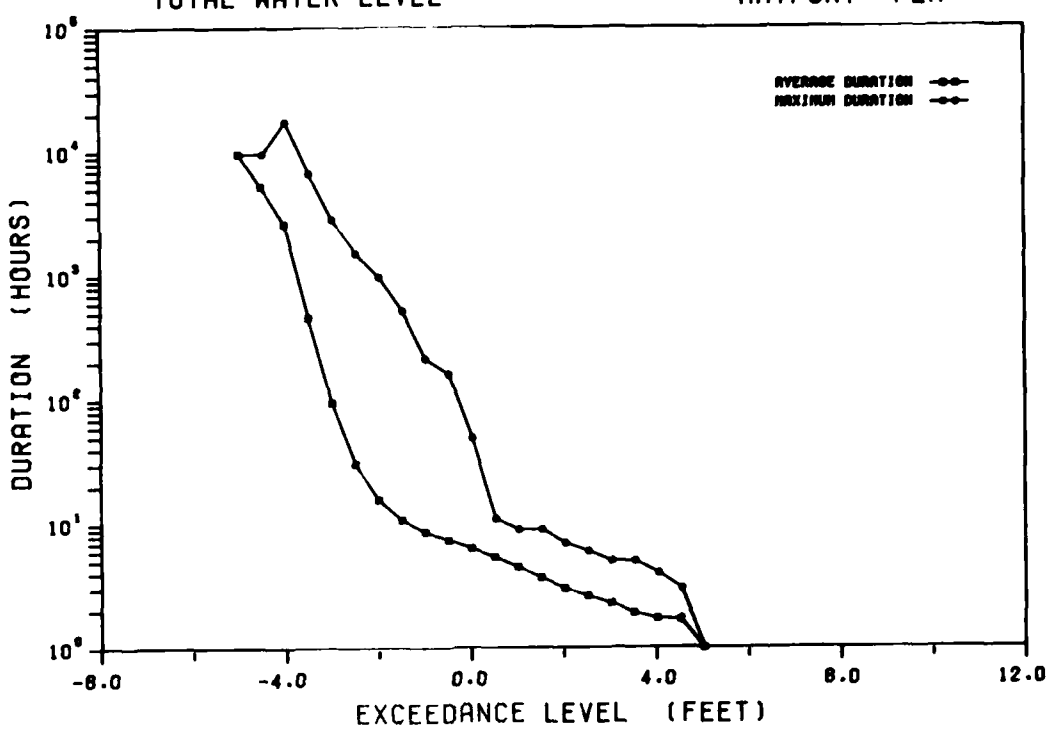

STORM SURGE
SOUTHPORT N.C.
AVERAGE DURATION
MAXIMUM DURATION
DURATION (HOURS)
EXCEEDANCE LEVEL (FEET)

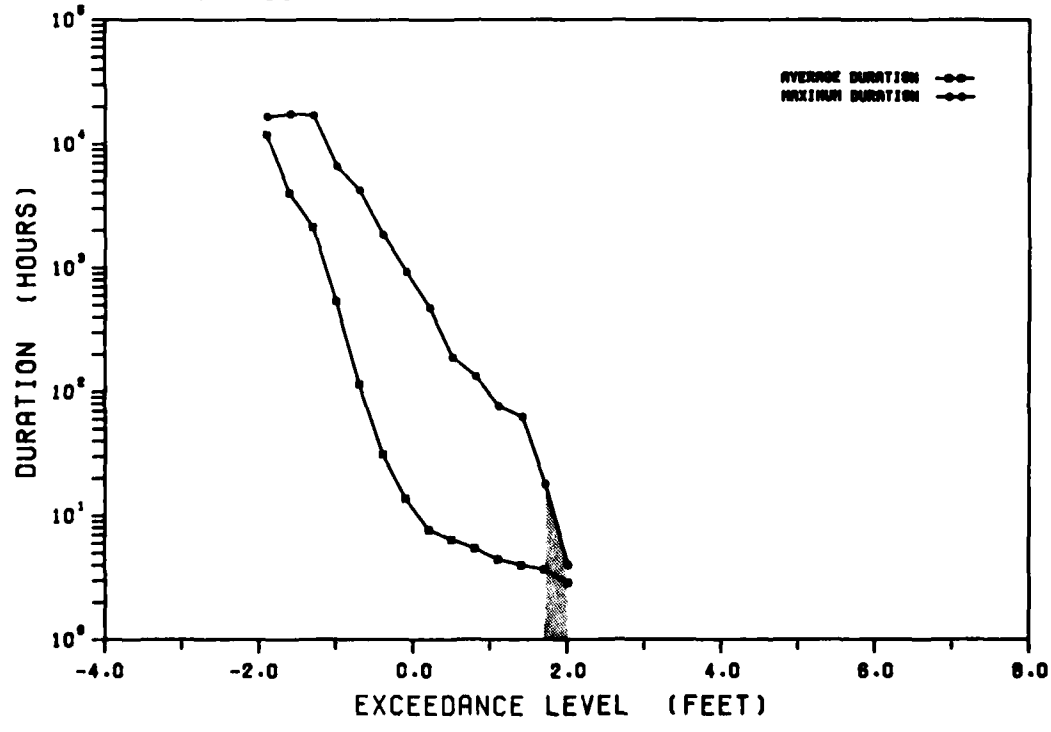

TOTAL WATER LEVEL
CHARLESTON S.C.
AVERAGE DURATION
MAXIMUM DURATION
DURATION (HOURS)
10^5
10^4
10^3
10^2
10^1
10^0
-8.0
-4.0
0.0
4.0
8.0
12.0
EXCEEDANCE LEVEL (FEET)

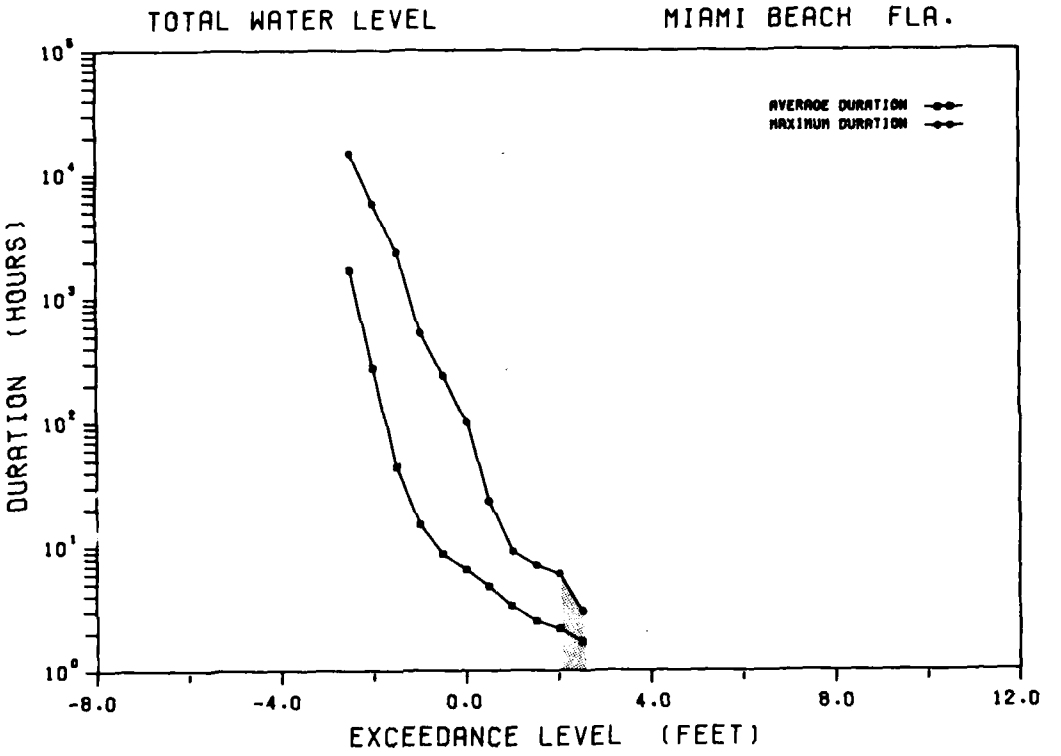

STORM SURGE
CHARLESTON S.C.
AVERAGE DURATION
MAXIMUM DURATION
DURATION (HOURS)
10^5
10^4
10^3
10^2
10^1
10^0
-4.0
-2.0
0.0
2.0
4.0
6.0
8.0
EXCEEDANCE LEVEL (FEET)

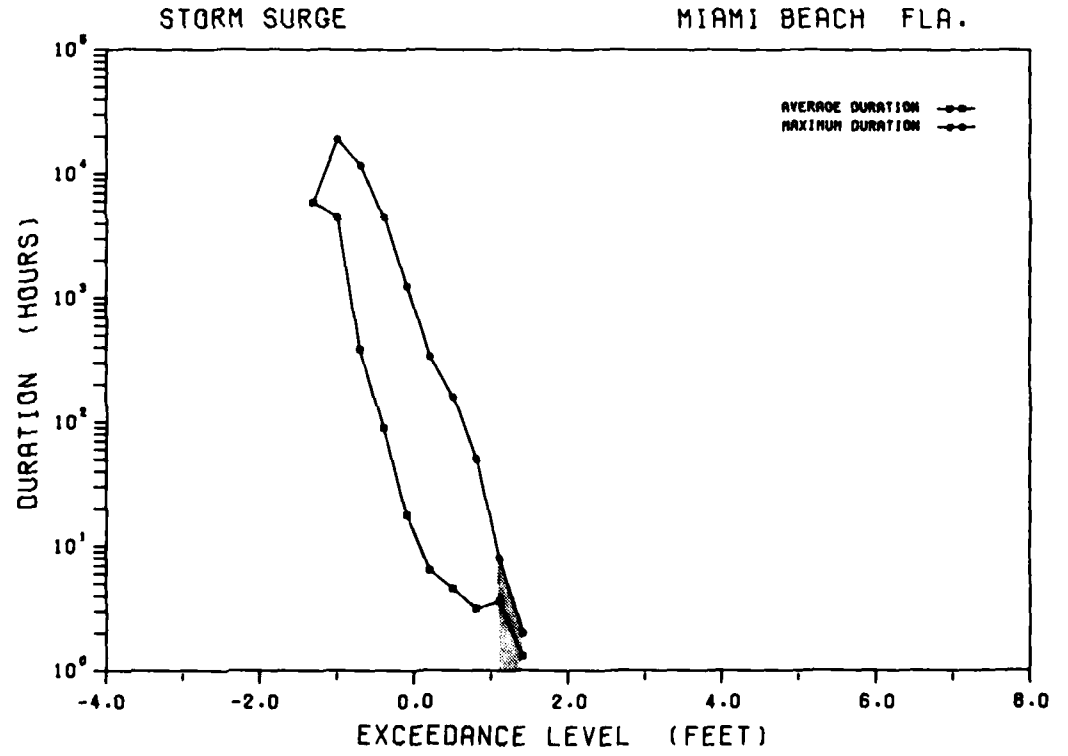

TOTAL WATER LEVEL
FORT PULASKI GA.
AVERAGE DURATION
MAXIMUM DURATION
DURATION (HOURS)
EXCEEDANCE LEVEL (FEET)


STORM SURGE
FORT PULASKI GA.
AVERAGE DURATION
MAXIMUM DURATION
DURATION (HOURS)
EXCEEDANCE LEVEL (FEET)

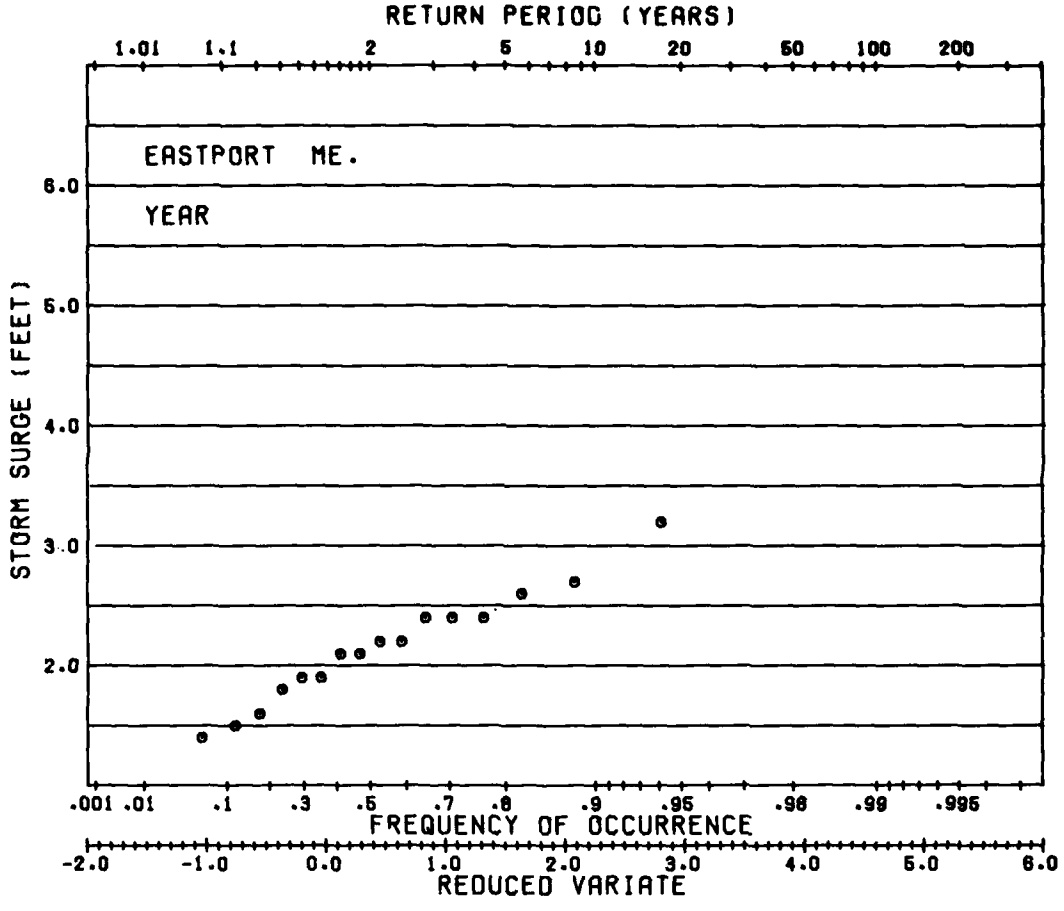

TOTAL WATER LEVEL
MAYPORT FLA.
AVERAGE DURATION
MAXIMUM DURATION
DURATION (HOURS)
EXCEEDANCE LEVEL (FEET)
-8.0
-4.0
0.0
4.0
8.0
12.0

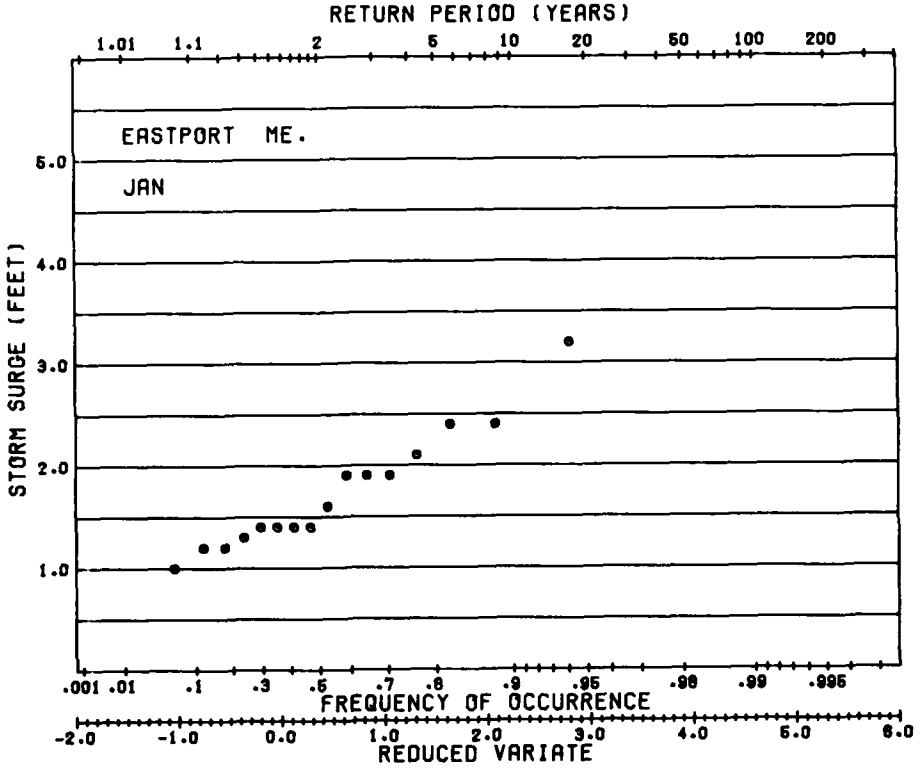

STORM SURGE
MAYPORT FLA.
AVERAGE DURATION
MAXIMUM DURATION
DURATION (HOURS)
EXCEEDANCE LEVEL (FEET)
-4.0
-2.0
0.0
2.0
4.0
6.0
8.0

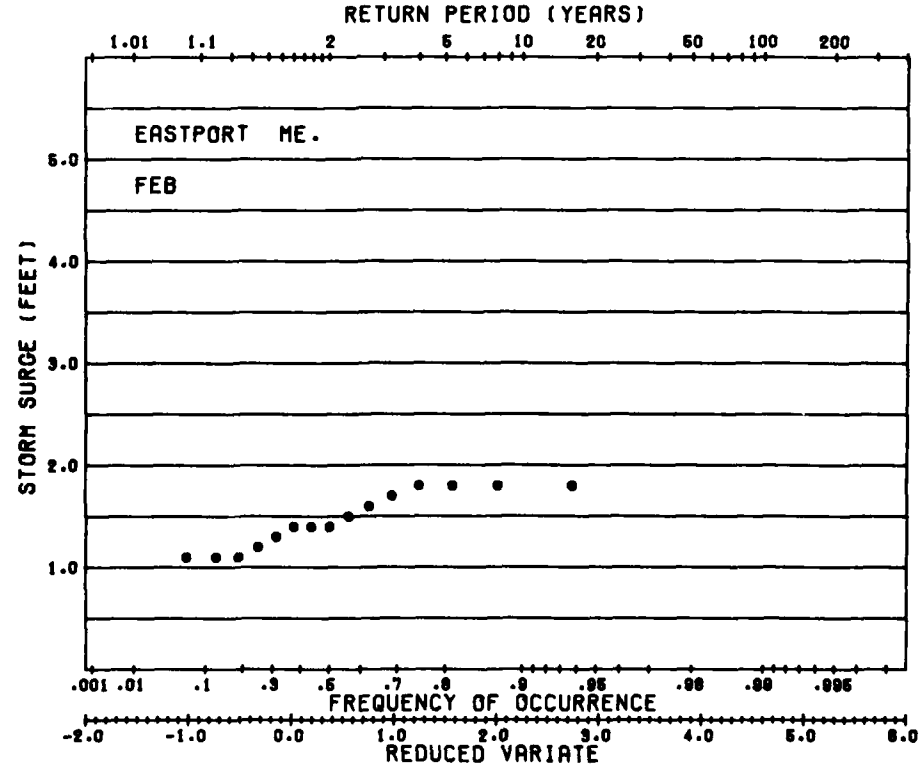

TOTAL WATER LEVEL
MIAMI BEACH FLA.
AVERAGE DURATION
MAXIMUM DURATION
DURATION (HOURS)
10^5
10^4
10^3
10^2
10^1
10^0
-8.0
-4.0
0.0
4.0
8.0
12.0
EXCEEDANCE LEVEL (FEET)

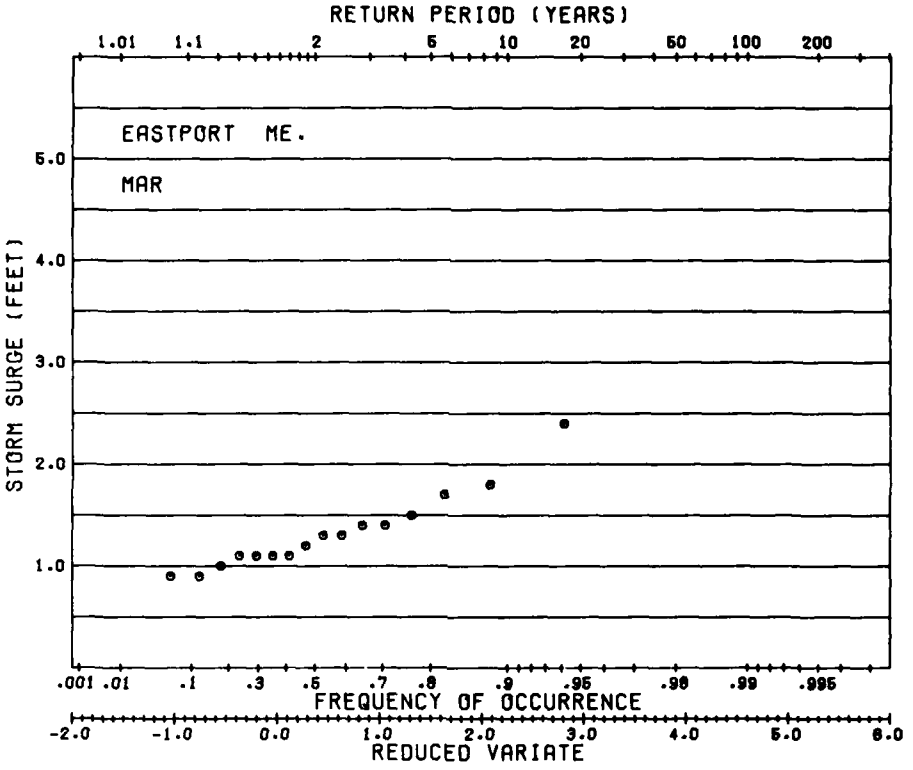

STORM SURGE
MIAMI BEACH FLA.
AVERAGE DURATION
MAXIMUM DURATION
DURATION (HOURS)
10^5
10^4
10^3
10^2
10^1
10^0
-4.0
-2.0
0.0
2.0
4.0
6.0
8.0
EXCEEDANCE LEVEL (FEET)

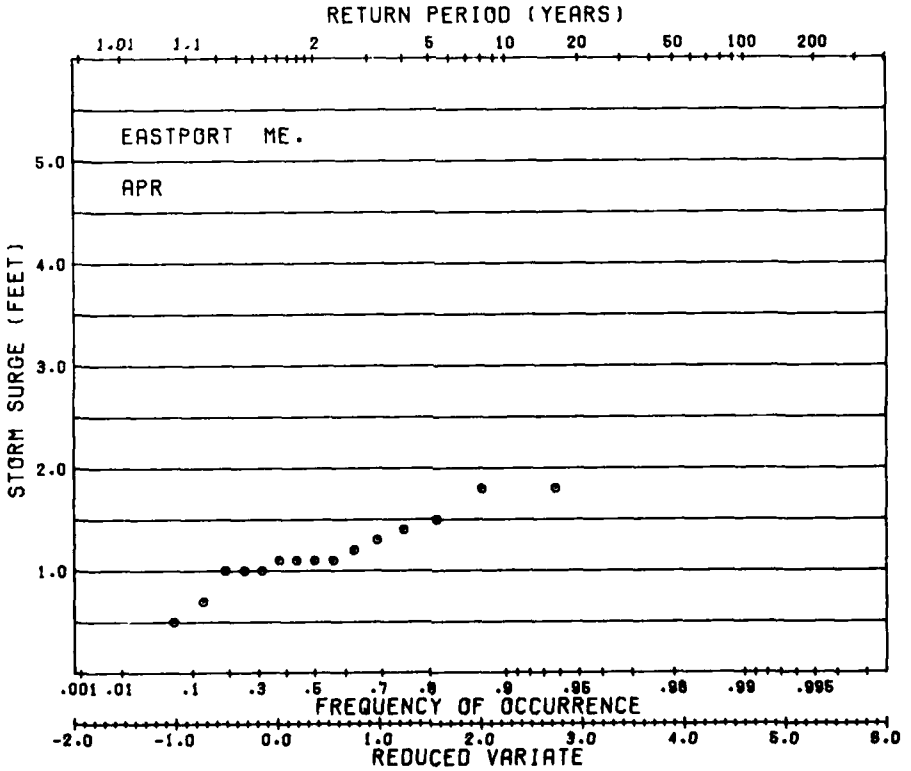
APPENDIX D
EXTREME STORM SURGE DATA

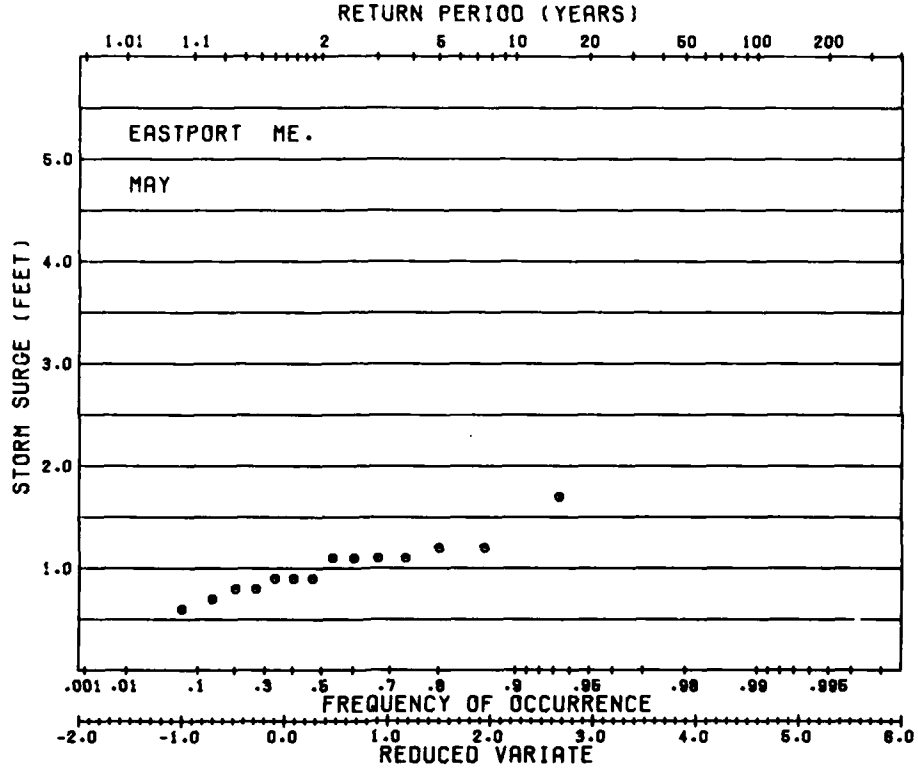

RETURN PERIOD (YEARS)
1.01
1.1
2
5
10
20
50
100
200
EASTPORT ME.
YEAR
STORM SURGE (FEET)
6.0
5.0
4.0
3.0
2.0
.001
.01
.1
.3
.5
.7
.8
.9
.95
.98
.99
.995
FREQUENCY OF OCCURRENCE
-2.0
-1.0
0.0
1.0
2.0
3.0
4.0
5.0
6.0
REDUCED VARIATE

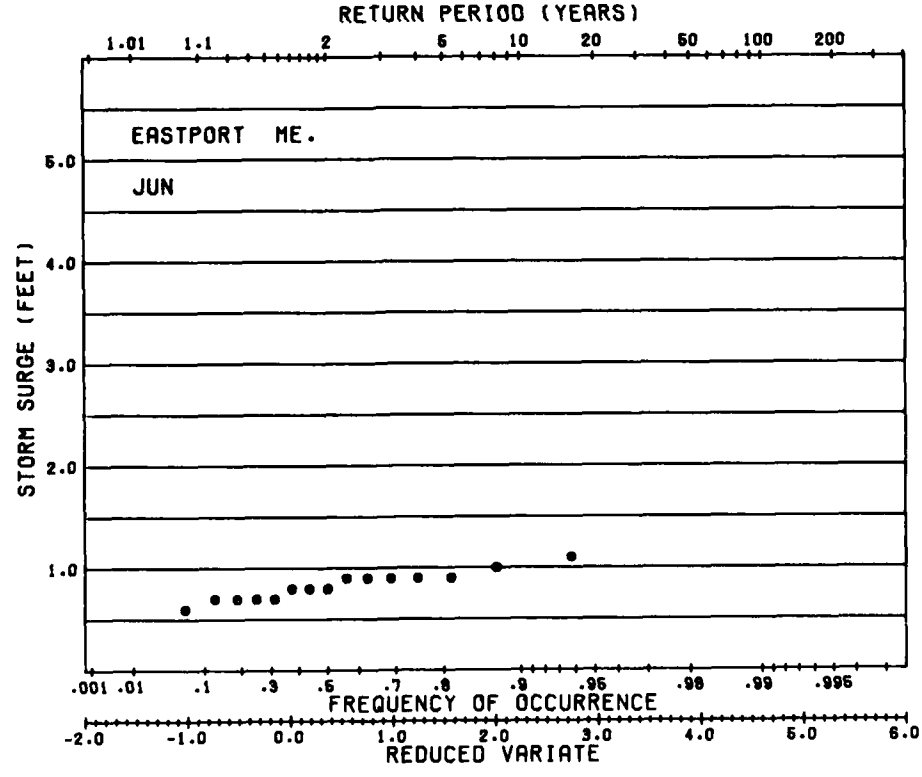

RETURN PERIOD (YEARS)
1.01
1.1
2
5
10
20
50
100
200
EASTPORT ME.
JAN
STORM SURGE (FEET)
5.0
4.0
3.0
2.0
1.0
.001
.01
.1
.3
.5
.7
.8
.9
.95
.98
.99
.995
FREQUENCY OF OCCURRENCE
-2.0
-1.0
0.0
1.0
2.0
3.0
4.0
5.0
6.0
REDUCED VARIATE

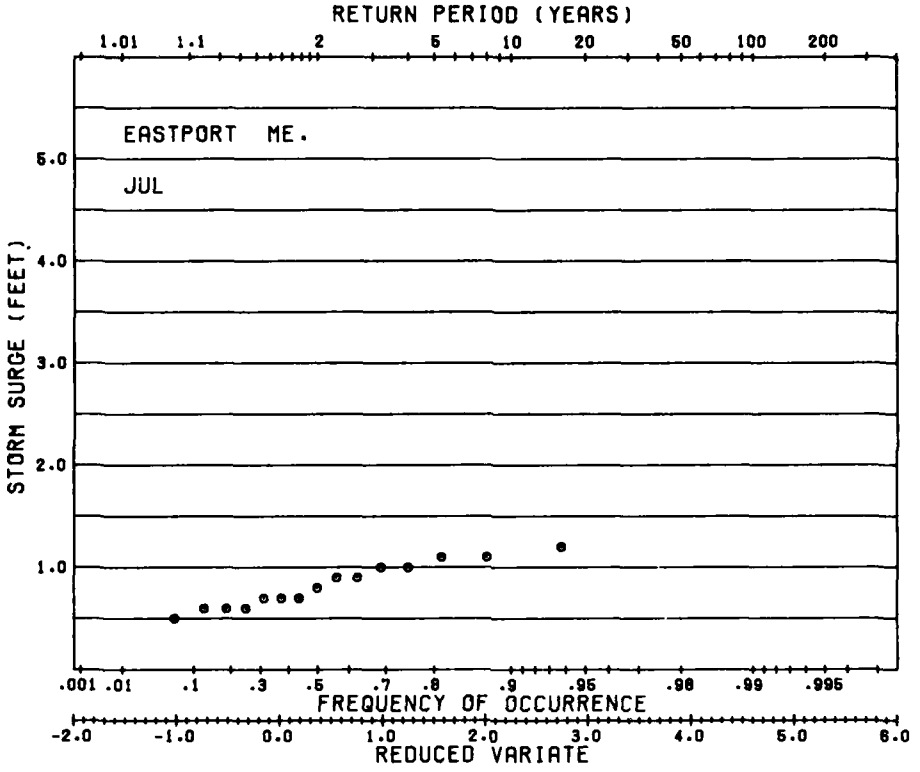

RETURN PERIOD (YEARS)
1.01
1.1
2
5
10
20
50
100
200
EASTPORT ME.
FEB
STORM SURGE (FEET)
5.0
4.0
3.0
2.0
1.0
.001
.01
.1
.3
.5
.7
.8
.9
.95
.98
.99
.995
FREQUENCY OF OCCURRENCE
-2.0
-1.0
0.0
1.0
2.0
3.0
4.0
5.0
6.0
REDUCED VARIATE

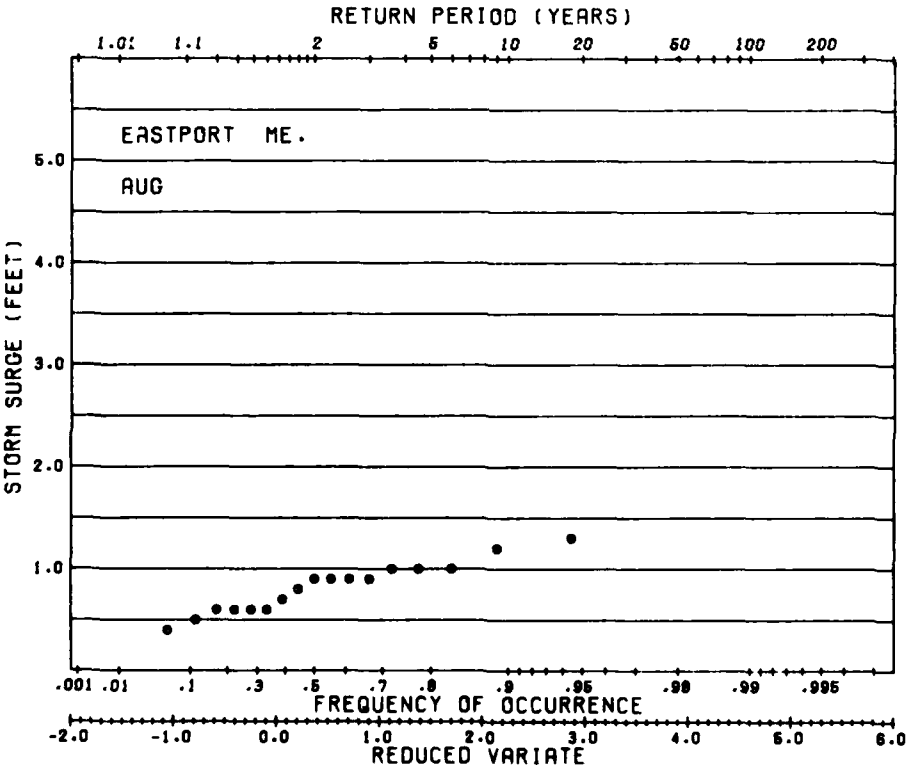

RETURN PERIOD (YEARS)
1.01
1.1
2
5
10
20
50
100
200
EASTPORT ME.
MAR
STORM SURGE (FEET)
5.0
4.0
3.0
2.0
1.0
.001
.01
.1
.3
.5
.7
.8
.9
.95
.98
.99
.995
FREQUENCY OF OCCURRENCE
-2.0
-1.0
0.0
1.0
2.0
3.0
4.0
5.0
6.0
REDUCED VARIATE

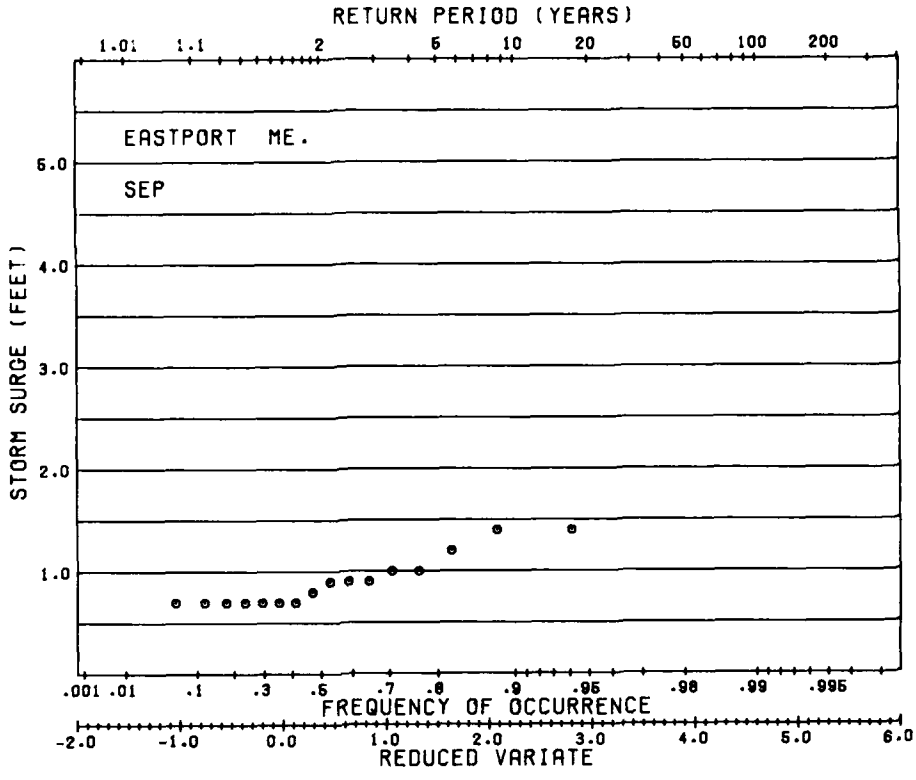

RETURN PERIOD (YEARS)
1.01
1.1
2
5
10
20
50
100
200
EASTPORT ME.
APR
STORM SURGE (FEET)
5.0
4.0
3.0
2.0
1.0
.001
.01
.1
.3
.5
.7
.8
.9
.95
.98
.99
.995
FREQUENCY OF OCCURRENCE
-2.0
-1.0
0.0
1.0
2.0
3.0
4.0
5.0
6.0
REDUCED VARIATE

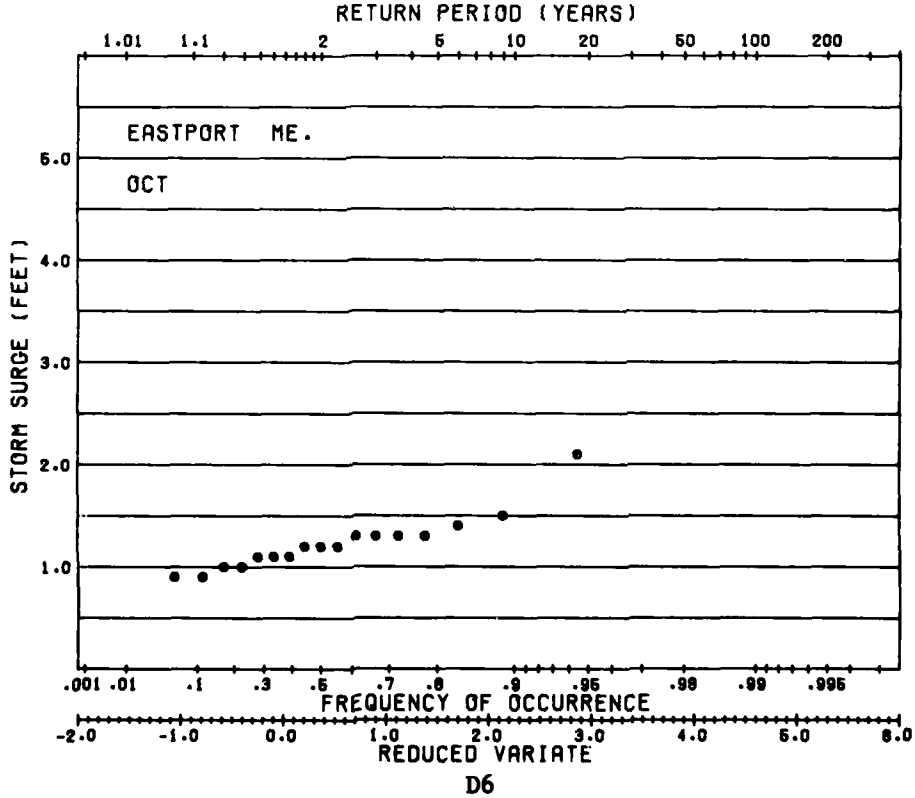

RETURN PERIOD (YEARS)
1.01
1.1
2
5
10
20
50
100
200
EASTPORT ME.
MAY
STORM SURGE (FEET)
5.0
4.0
3.0
2.0
1.0
.001 .01 .1 .3 .5 .7 .8 .9 .95 .98 .99 .995
FREQUENCY OF OCCURRENCE
-2.0 -1.0 0.0 1.0 2.0 3.0 4.0 5.0 6.0
REDUCED VARIATE

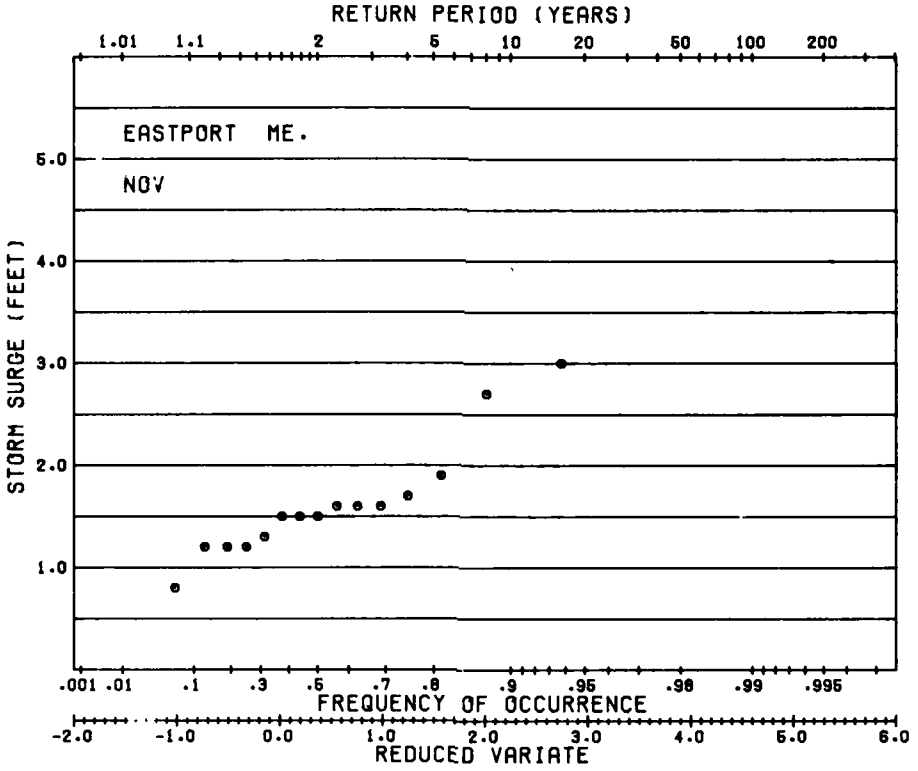

RETURN PERIOD (YEARS)
1.01
1.1
2
5
10
20
50
100
200
EASTPORT ME.
JUN
STORM SURGE (FEET)
5.0
4.0
3.0
2.0
1.0
.001 .01 .1 .3 .5 .7 .8 .9 .95 .98 .99 .995
FREQUENCY OF OCCURRENCE
-2.0 -1.0 0.0 1.0 2.0 3.0 4.0 5.0 6.0
REDUCED VARIATE

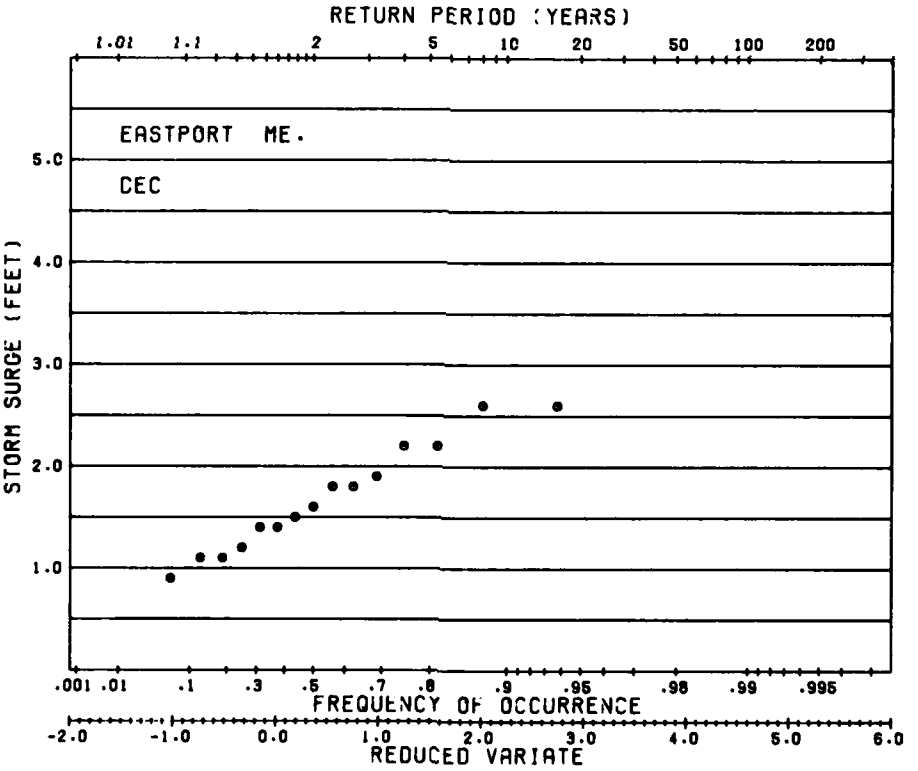

RETURN PERIOD (YEARS)
1.01
1.1
2
5
10
20
50
100
200
EASTPORT ME.
JUL
STORM SURGE (FEET)
5.0
4.0
3.0
2.0
1.0
.001
.01
.1
.3
.5
.7
.8
.9
.95
.98
.99
.995
FREQUENCY OF OCCURRENCE
-2.0
-1.0
0.0
1.0
2.0
3.0
4.0
5.0
6.0
REDUCED VARIATE

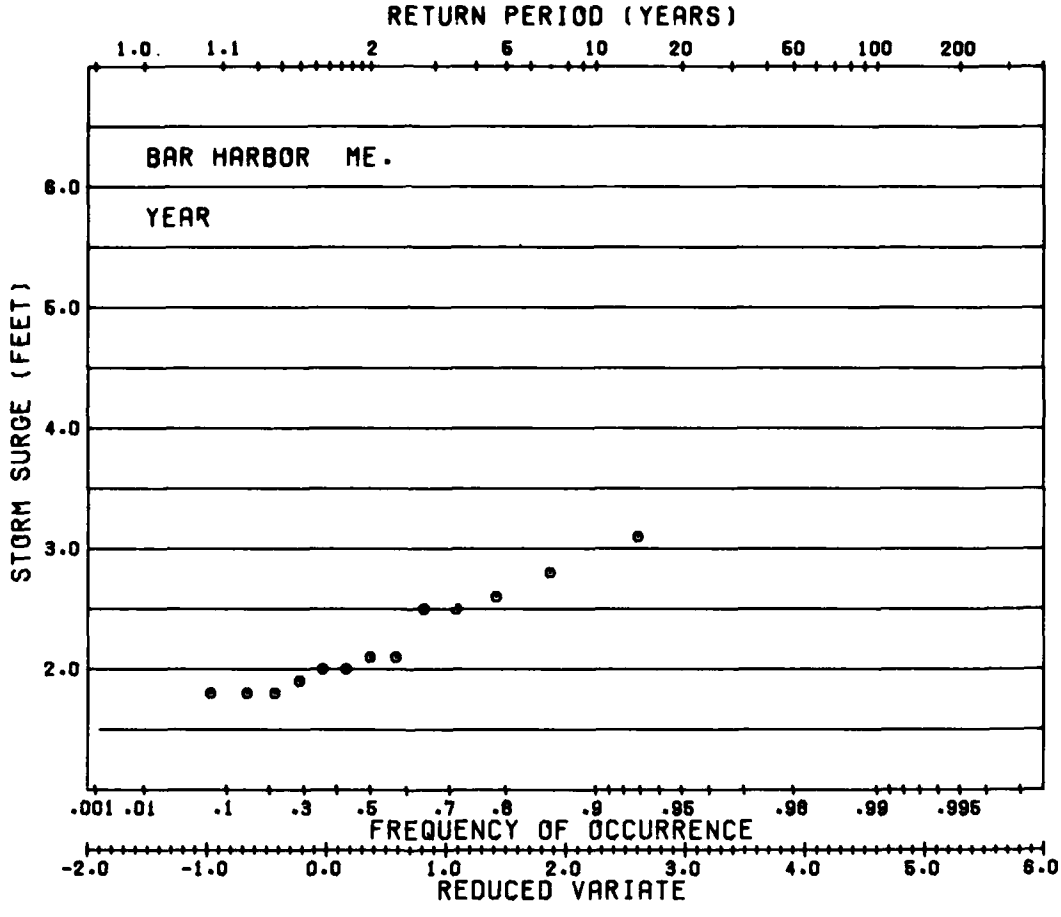

RETURN PERIOD (YEARS)
1.01
1.1
2
5
10
20
50
100
200
EASTPORT ME.
AUG
STORM SURGE (FEET)
5.0
4.0
3.0
2.0
1.0
.001
.01
.1
.3
.5
.7
.8
.9
.95
.98
.99
.995
FREQUENCY OF OCCURRENCE
-2.0
-1.0
0.0
1.0
2.0
3.0
4.0
5.0
6.0
REDUCED VARIATE

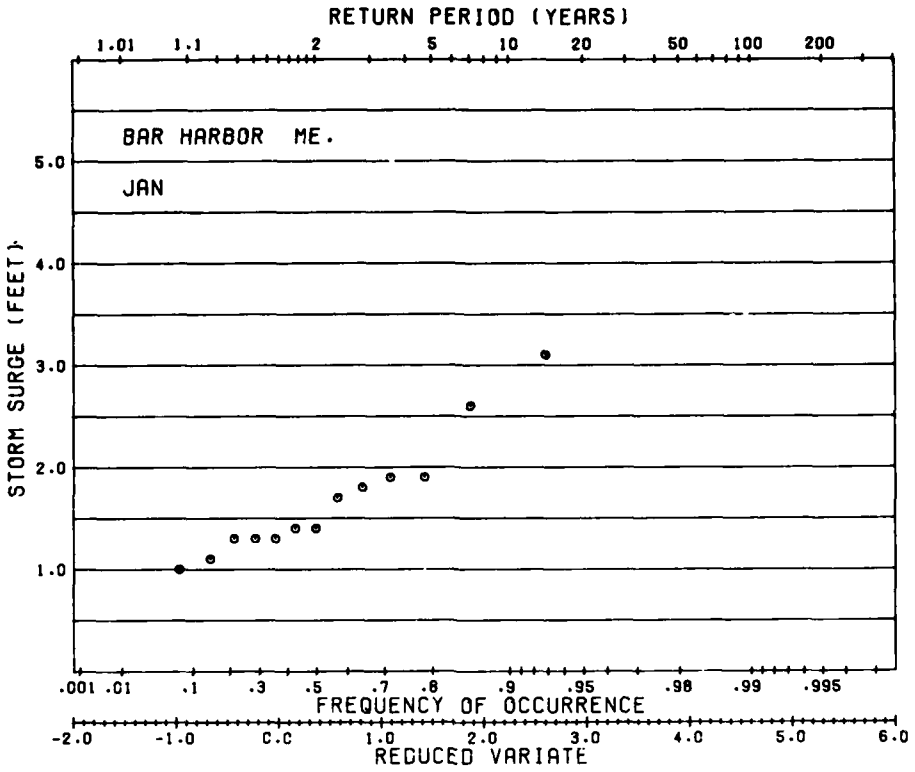

RETURN PERIOD (YEARS)
1.01
1.1
2
5
10
20
50
100
200
EASTPORT ME.
SEP
STORM SURGE (FEET)
6.0
4.0
3.0
2.0
1.0
.001
.01
.1
.3
.5
.7
.8
.9
.95
.98
.99
.995
FREQUENCY OF OCCURRENCE
-2.0
-1.0
0.0
1.0
2.0
3.0
4.0
5.0
6.0
REDUCED VARIATE

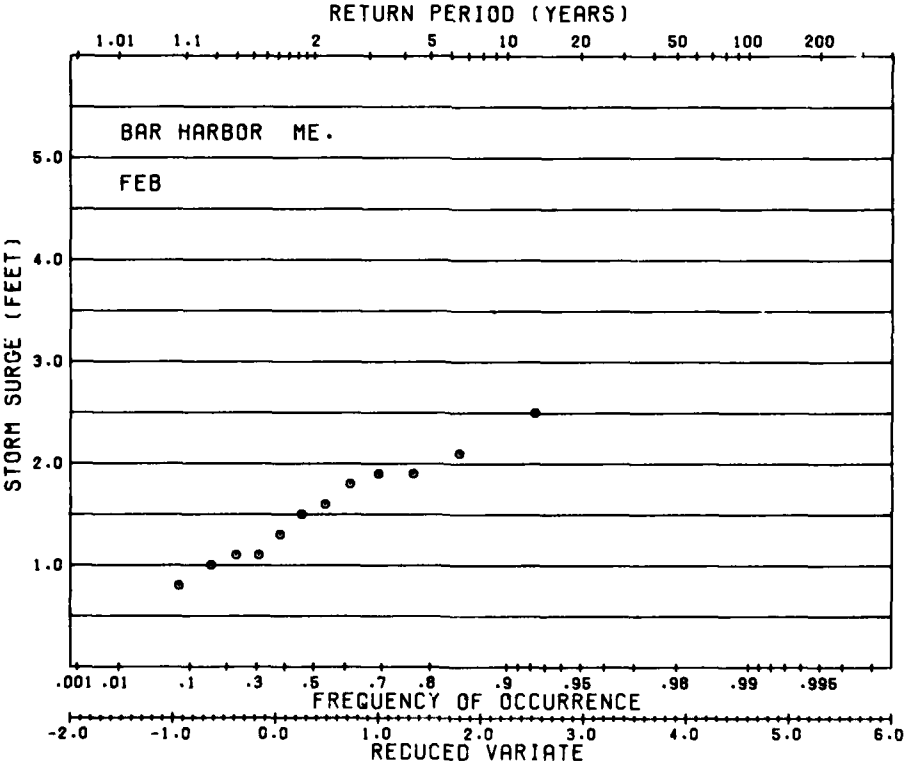

RETURN PERIOD (YEARS)
1.01
1.1
2
5
10
20
50
100
200
EASTPORT ME.
OCT
STORM SURGE (FEET)
6.0
4.0
3.0
2.0
1.0
.001
.01
.1
.3
.5
.7
.8
.9
.95
.98
.99
.995
FREQUENCY OF OCCURRENCE
-2.0
-1.0
0.0
1.0
2.0
3.0
4.0
5.0
6.0
REDUCED VARIATE

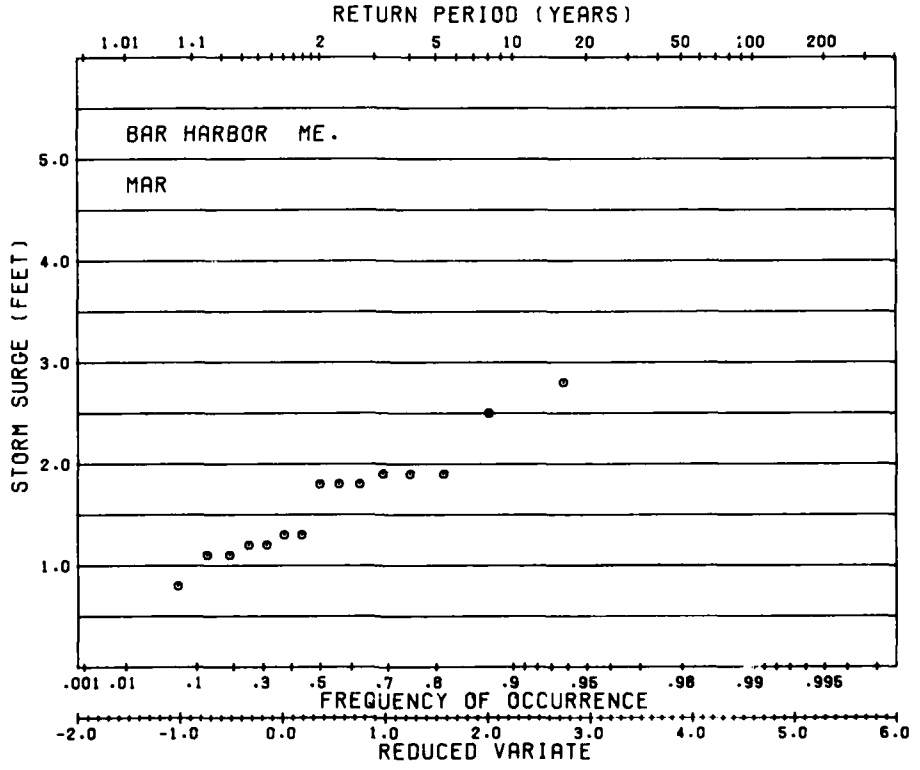

RETURN PERIOD (YEARS)
1.01
1.1
2
5
10
20
50
100
200
EASTPORT ME.
NOV
STORM SURGE (FEET)
5.0
4.0
3.0
2.0
1.0
.001 .01 .1 .3 .5 .7 .8 .9 .95 .98 .99 .995
FREQUENCY OF OCCURRENCE
-2.0 -1.0 0.0 1.0 2.0 3.0 4.0 5.0 6.0
REDUCED VARIATE


RETURN PERIOD (YEARS)
1.01
1.1
2
5
10
20
50
100
200
EASTPORT ME.
DEC
STORM SURGE (FEET)
5.0
4.0
3.0
2.0
1.0
.001 .01 .1 .3 .5 .7 .8 .9 .95 .98 .99 .995
FREQUENCY OF OCCURRENCE
-2.0 -1.0 0.0 1.0 2.0 3.0 4.0 5.0 6.0
REDUCED VARIATE


RETURN PERIOD (YEARS)
1.0
1.1
2
5
10
20
50
100
200
BAR HARBOR ME.
YEAR
STORM SURGE (FEET)
6.0
5.0
4.0
3.0
2.0
.001
.01
.1
.3
.5
.7
.8
.9
.95
.98
.99
.995
FREQUENCY OF OCCURRENCE
-2.0
-1.0
0.0
1.0
2.0
3.0
4.0
5.0
6.0
REDUCED VARIATE


RETURN PERIOD (YEARS)
1.01
1.1
2
5
10
20
50
100
200
BAR HARBOR ME.
JAN
STORM SURGE (FEET)
5.0
4.0
3.0
2.0
1.0
.001 .01 .1 .3 .5 .7 .8 .9 .95 .98 .99 .995
FREQUENCY OF OCCURRENCE
-2.0 -1.0 0.0 1.0 2.0 3.0 4.0 5.0 6.0
REDUCED VARIATE


RETURN PERIOD (YEARS)
1.01
1.1
2
5
10
20
50
100
200
BAR HARBOR ME.
FEB
STORM SURGE (FEET)
5.0
4.0
3.0
2.0
1.0
.001 .01 .1 .3 .5 .7 .8 .9 .95 .98 .99 .995
FREQUENCY OF OCCURRENCE
-2.0 -1.0 0.0 1.0 2.0 3.0 4.0 5.0 6.0
REDUCED VARIATE


RETURN PERIOD (YEARS)
1.01
1.1
2
5
10
20
50
100
200
BAR HARBOR ME.
MAR
STORM SURGE (FEET)
5.0
4.0
3.0
2.0
1.0
.001
.01
.1
.3
.5
.7
.8
.9
.95
.98
.99
.995
FREQUENCY OF OCCURRENCE
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-1.0
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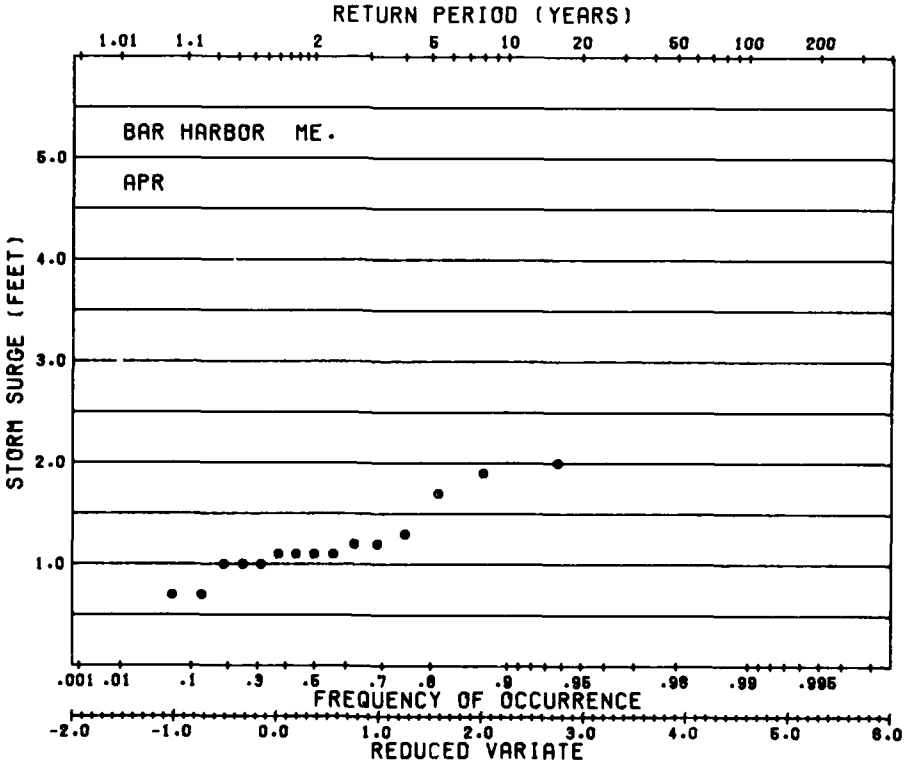
1.0
2.0
3.0
4.0
5.0
6.0
REDUCED VARIATE


RETURN PERIOD (YEARS)
1.01
1.1
2
5
10
20
50
100
200
BAR HARBOR ME.
APR
STORM SURGE (FEET)
5.0
4.0
3.0
2.0
1.0
.001
.01
.1
.3
.5
.7
.8
.9
.95
.98
.99
.995
FREQUENCY OF OCCURRENCE
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6.0
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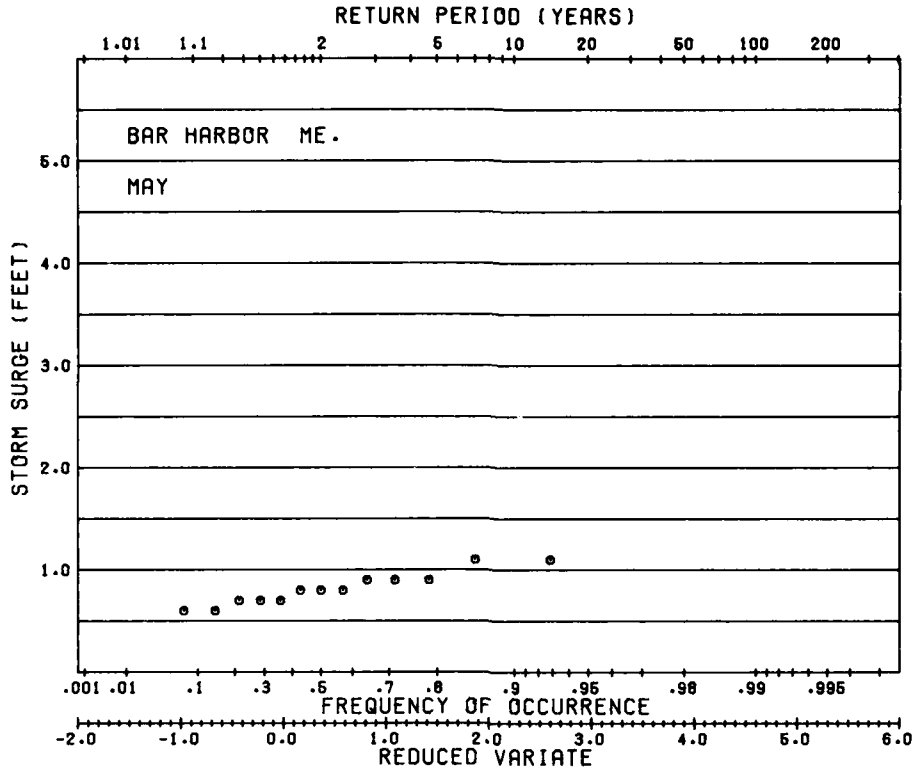
RETURN PERIOD (YEARS)
1.01
1.1
2
5
10
20
50
100
200
BAR HARBOR ME.
MAY
STORM SURGE (FEET)
5.0
4.0
3.0
2.0
1.0
.001 .01 .1 .3 .5 .7 .8 .9 .95 .98 .99 .995
FREQUENCY OF OCCURRENCE
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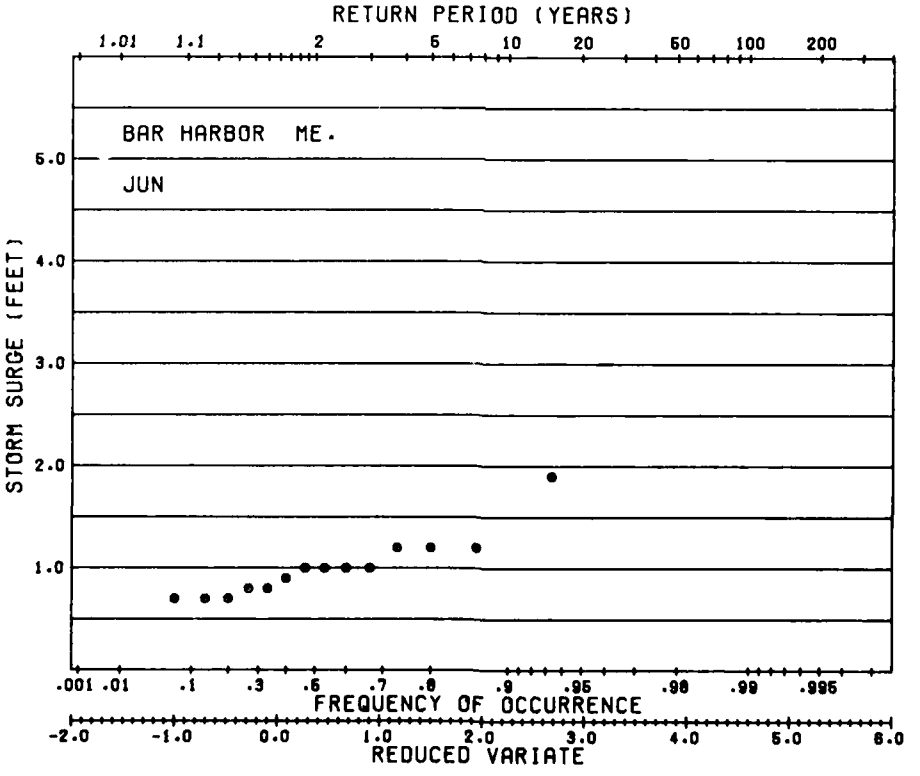
RETURN PERIOD (YEARS)
1.01
1.1
2
5
10
20
50
100
200
BAR HARBOR ME.
JUN
STORM SURGE (FEET)
5.0
4.0
3.0
2.0
1.0
.001 .01 .1 .3 .5 .7 .8 .9 .95 .98 .99 .995
FREQUENCY OF OCCURRENCE
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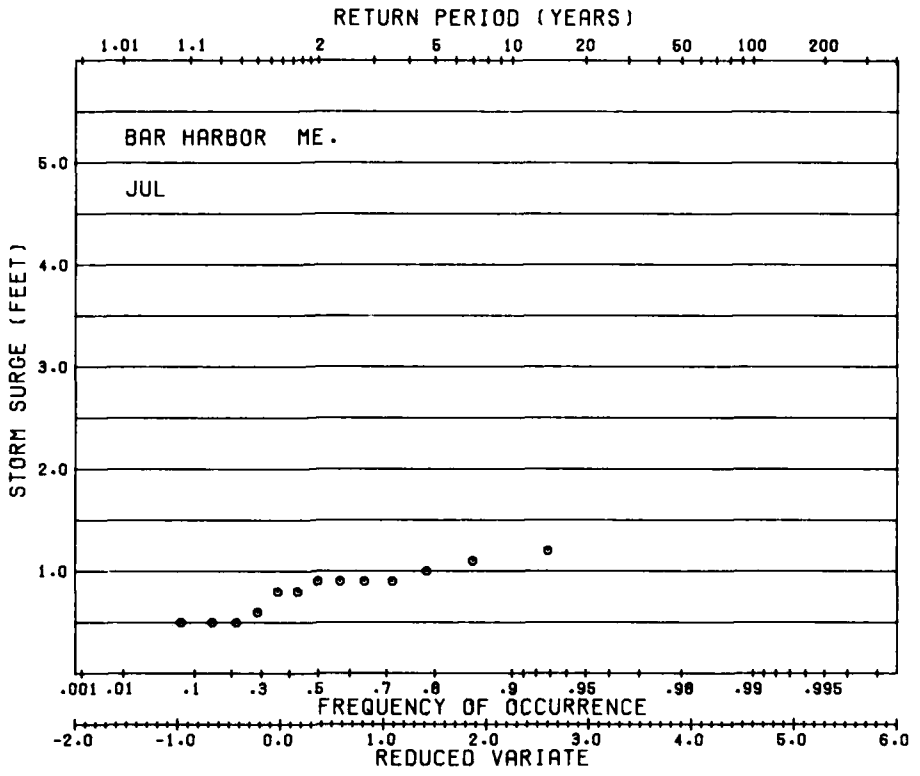
REDUCED VARIATE


RETURN PERIOD (YEARS)
1.01
1.1
2
5
10
20
50
100
200
BAR HARBOR ME.
JUL
STORM SURGE (FEET)
5.0
4.0
3.0
2.0
1.0
.001
.01
.1
.3
.5
.7
.8
.9
.95
.98
.99
.995
FREQUENCY OF OCCURRENCE
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6.0
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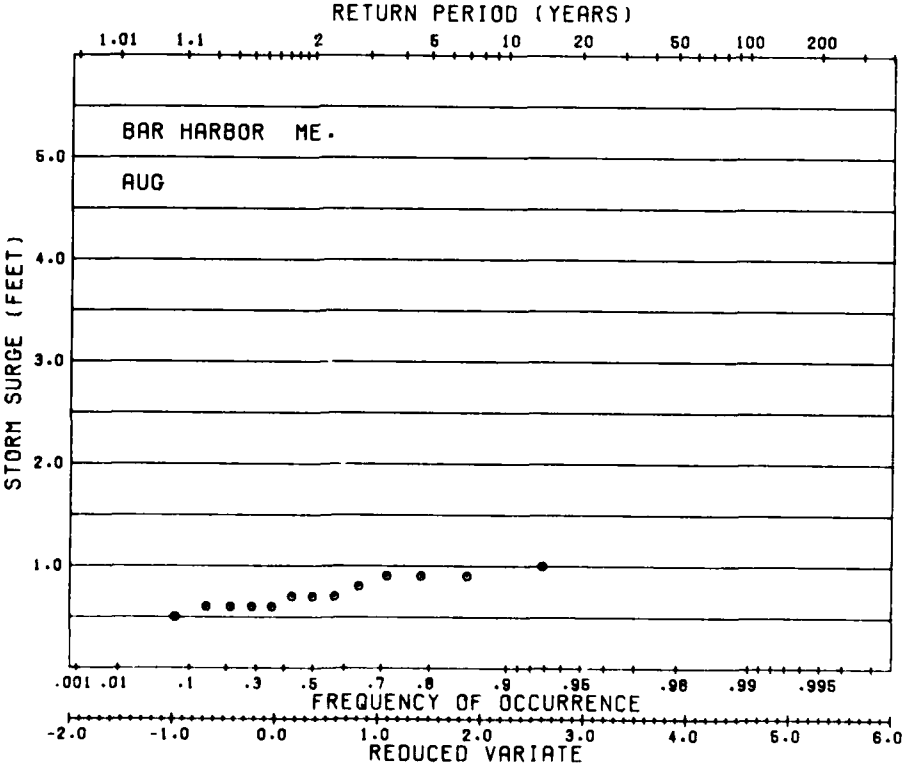
RETURN PERIOD (YEARS)
1.01
1.1
2
5
10
20
50
100
200
BAR HARBOR ME.
AUG
STORM SURGE (FEET)
5.0
4.0
3.0
2.0
1.0
.001
.01
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.95
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.995
FREQUENCY OF OCCURRENCE
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4.0
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6.0
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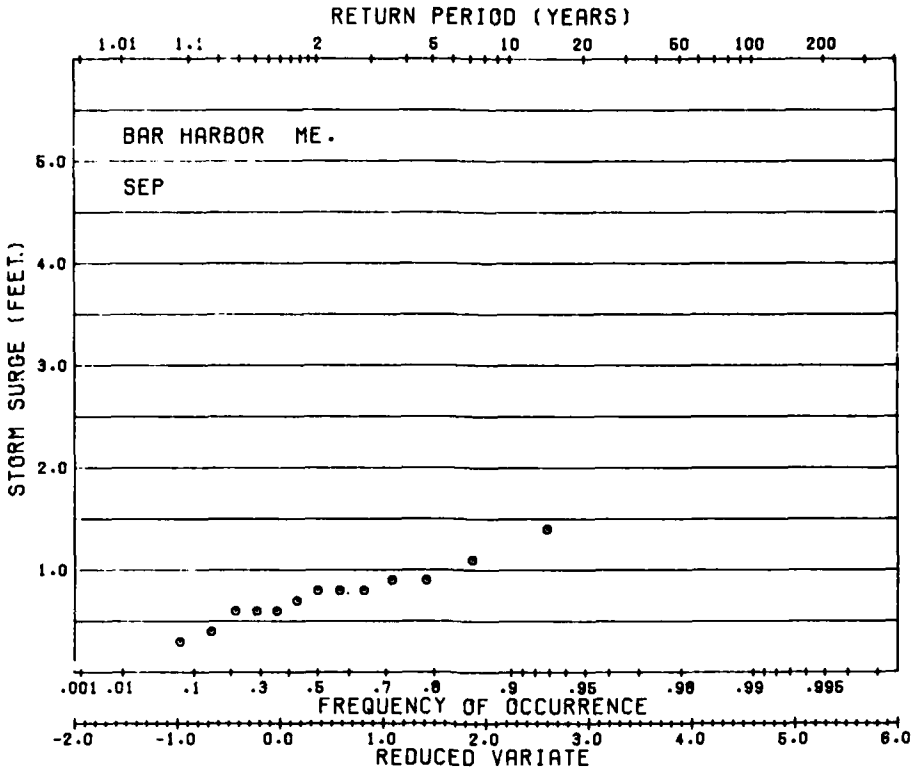
RETURN PERIOD (YEARS)
1.01
1.1
2
5
10
20
50
100
200
BAR HARBOR ME.
SEP
STORM SURGE (FEET.)
5.0
4.0
3.0
2.0
1.0
.001 .01 .1 .3 .5 .7 .8 .9 .95 .98 .99 .995
FREQUENCY OF OCCURRENCE
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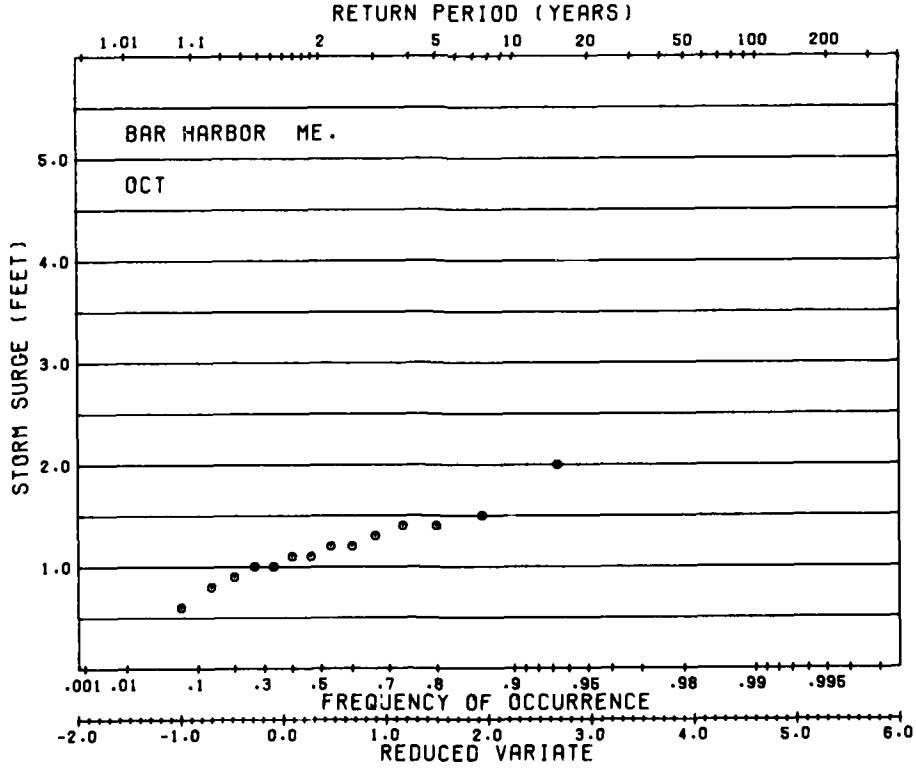
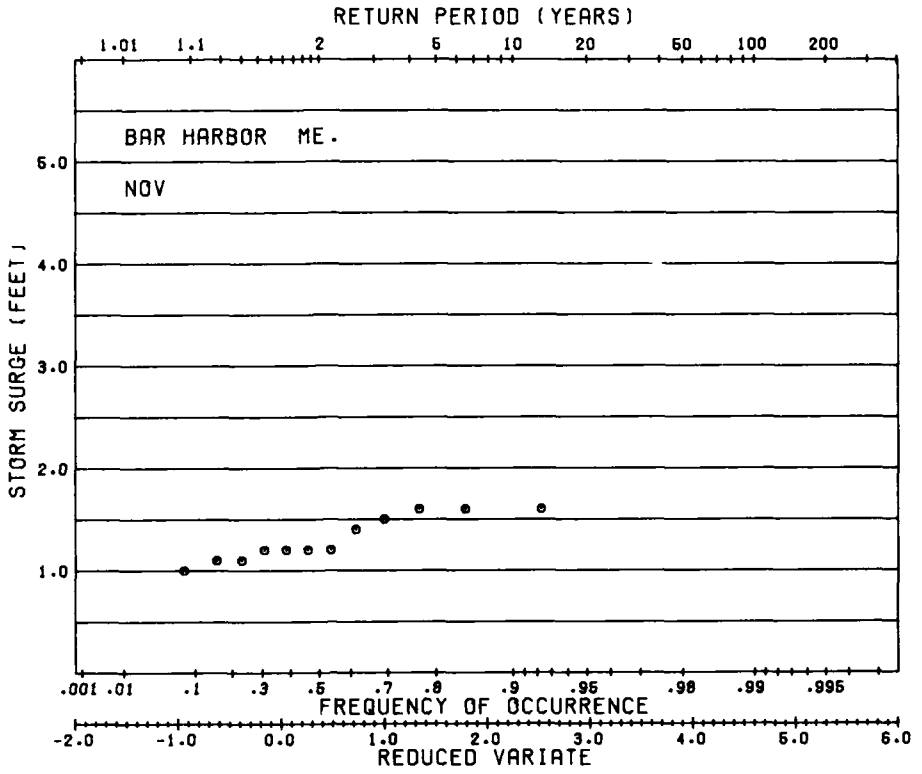

RETURN PERIOD (YEARS)
1.01
1.1
2
5
10
20
50
100
200
BAR HARBOR ME.
OCT
STORM SURGE (FEET)
5.0
4.0
3.0
2.0
1.0
.001 .01 .1 .3 .5 .7 .8 .9 .95 .98 .99 .995
FREQUENCY OF OCCURRENCE
-2.0 -1.0 0.0 1.0 2.0 3.0 4.0 5.0 6.0
REDUCED VARIATE


RETURN PERIOD (YEARS)
1.01
1.1
2
5
10
20
50
100
200
BAR HARBOR ME.
NOV
STORM SURGE (FEET)
6.0
4.0
3.0
2.0
1.0
.001
.01
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.8
.9
.95
.98
.99
.995
FREQUENCY OF OCCURRENCE
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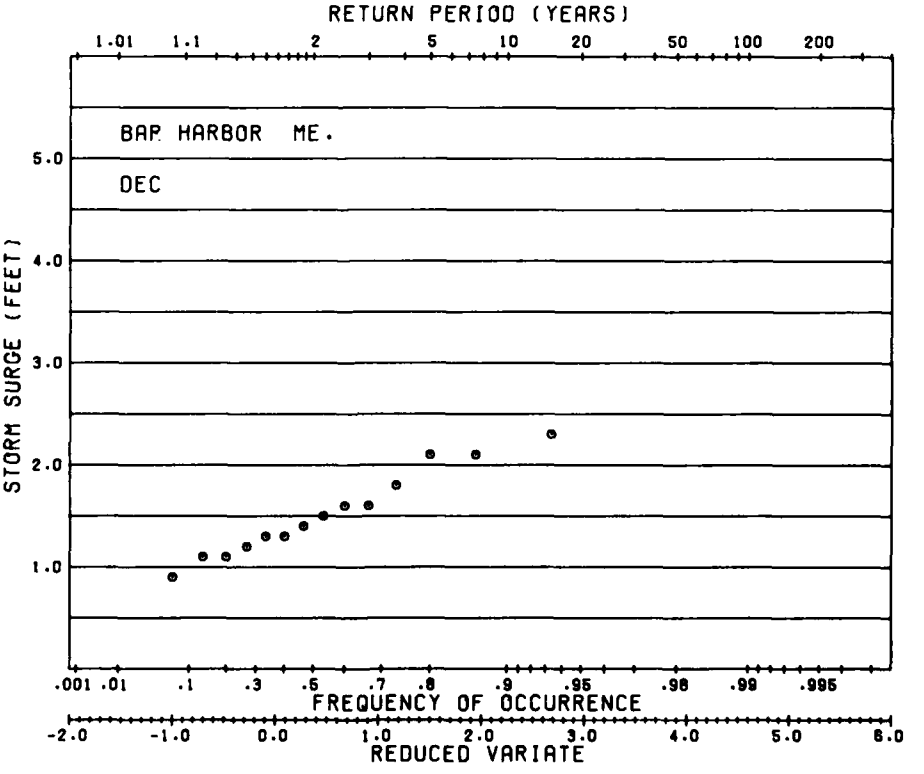
-1.0
0.0
1.0
2.0
3.0
4.0
5.0
6.0
REDUCED VARIATE


RETURN PERIOD (YEARS)
1.01
1.1
2
5
10
20
50
100
200
BAR HARBOR ME.
DEC
STORM SURGE (FEET)
5.0
4.0
3.0
2.0
1.0
.001
.01
.1
.3
.5
.7
.8
.9
.95
.98
.99
.995
FREQUENCY OF OCCURRENCE
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-1.0
0.0
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4.0
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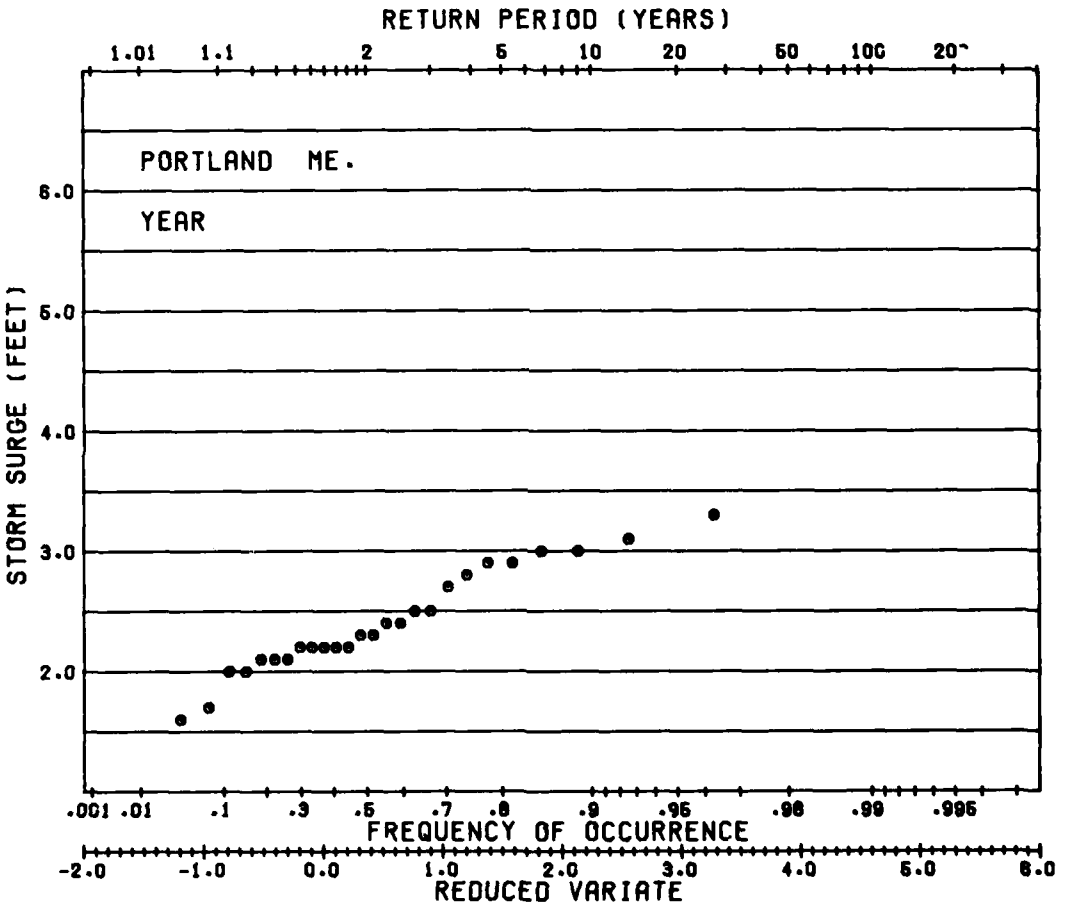
REDUCED VARIATE


RETURN PERIOD (YEARS)
1.01
1.1
2
5
10
20
50
100
PORTLAND ME.
YEAR
STORM SURGE (FEET)
6.0
5.0
4.0
3.0
2.0
.001
.01
.1
.3
.5
.7
.8
.9
.95
.98
.99
.995
FREQUENCY OF OCCURRENCE
-2.0
-1.0
0.0
1.0
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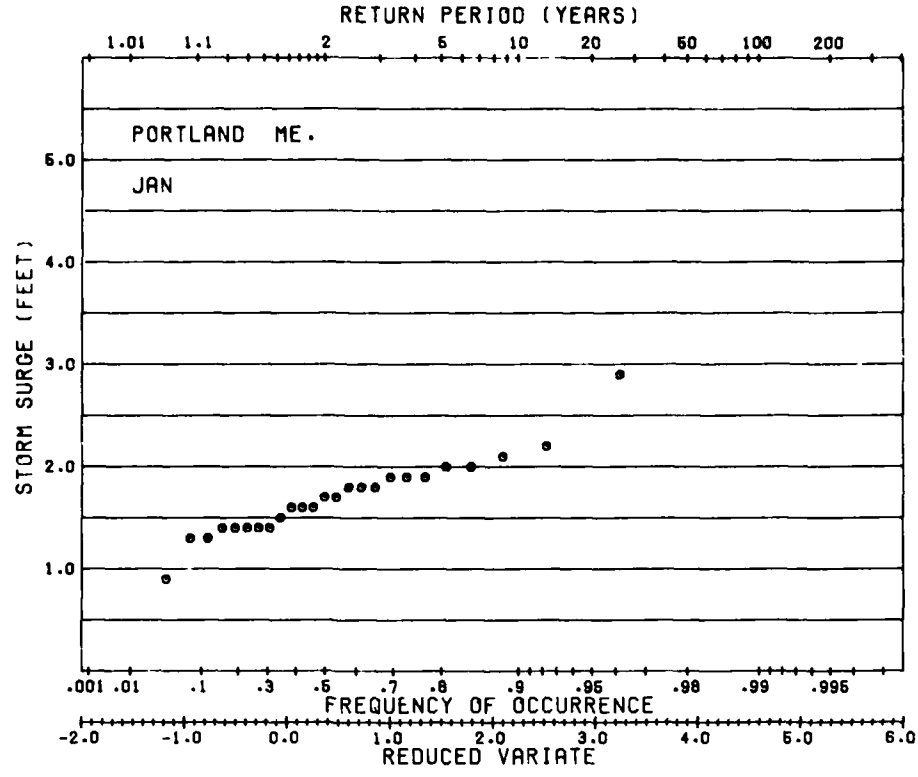
4.0
5.0
6.0
REDUCED VARIATE


RETURN PERIOD (YEARS)
1.01
1.1
2
5
10
20
50
100
200
PORTLAND ME.
JAN
STORM SURGE (FEET)
5.0
4.0
3.0
2.0
1.0
.001 .01 .1 .3 .5 .7 .8 .9 .95 .98 .99 .995
FREQUENCY OF OCCURRENCE
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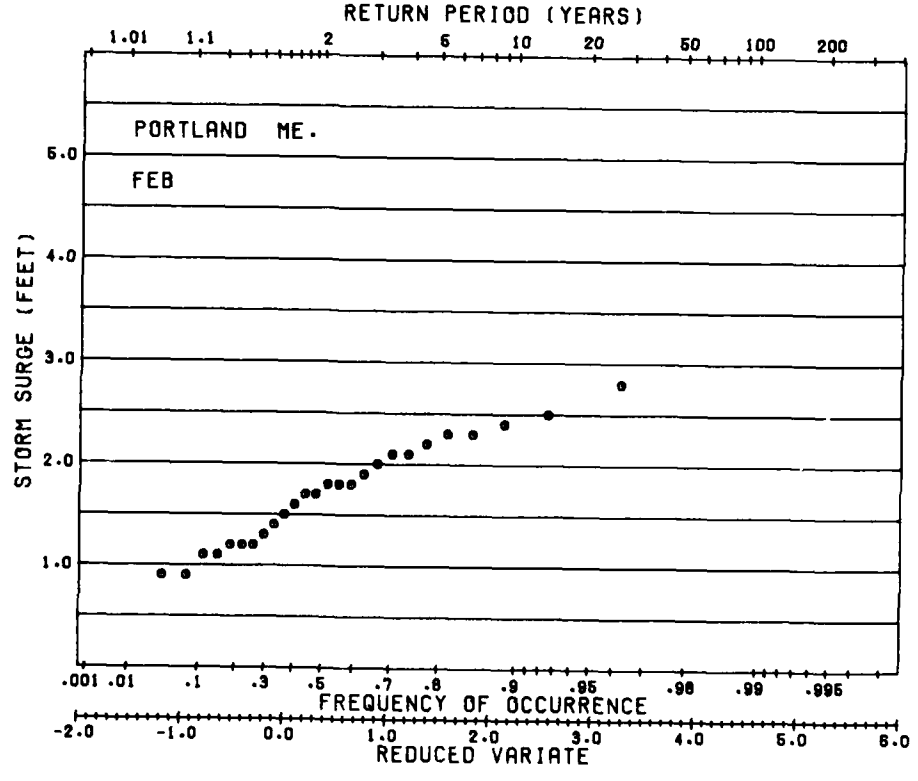
RETURN PERIOD (YEARS)
1.01
1.1
2
5
10
20
50
100
200
PORTLAND ME.
FEB
STORM SURGE (FEET)
5.0
4.0
3.0
2.0
1.0
.001 .01 .1 .3 .5 .7 .8 .9 .95 .98 .99 .995
FREQUENCY OF OCCURRENCE
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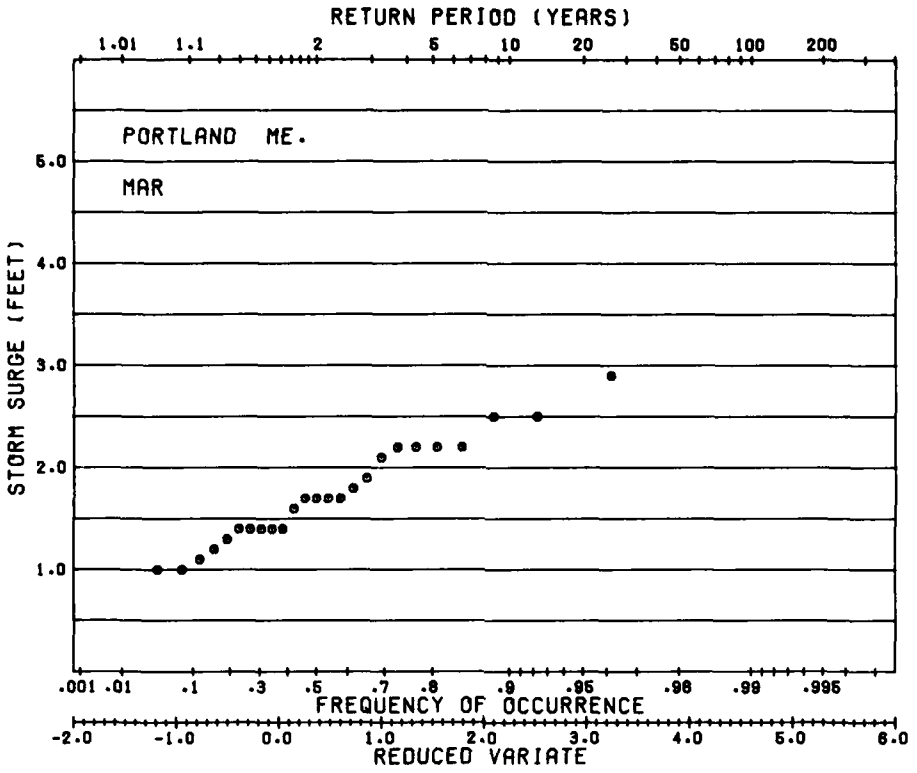
REDUCED VARIATE


RETURN PERIOD (YEARS)
1.01
1.1
2
5
10
20
50
100
200
PORTLAND ME.
MAR
STORM SURGE (FEET)
6.0
5.0
4.0
3.0
2.0
1.0
.001
.01
.1
.3
.5
.7
.8
.9
.95
.98
.99
.995
FREQUENCY OF OCCURRENCE
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-1.0
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4.0
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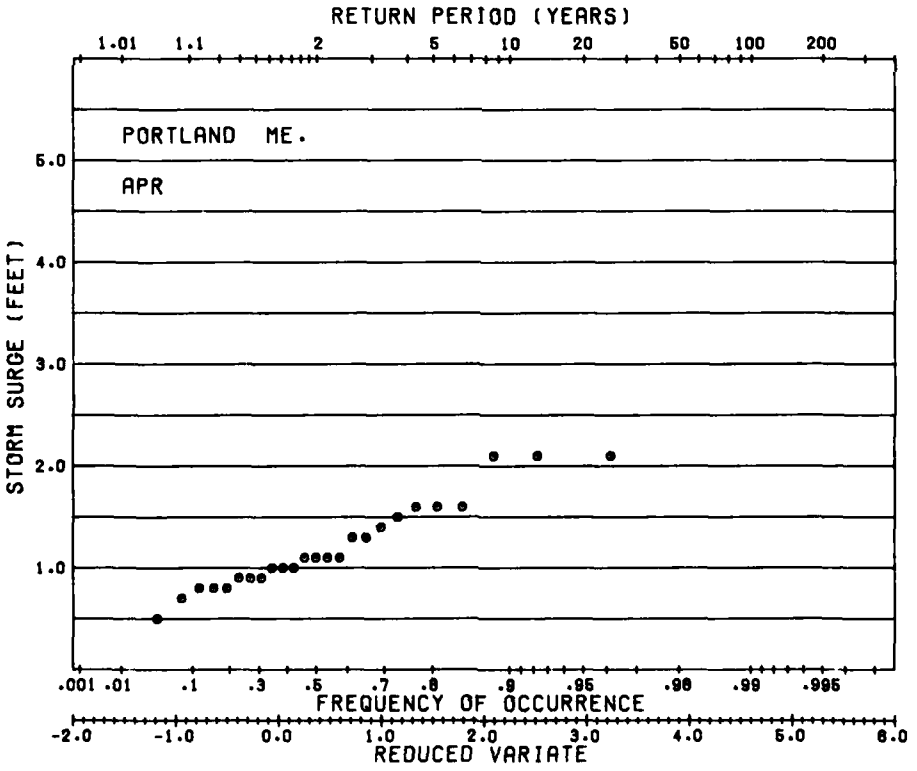
6.0
REDUCED VARIATE


RETURN PERIOD (YEARS)
1.01
1.1
2
5
10
20
50
100
200
PORTLAND ME.
APR
STORM SURGE (FEET)
6.0
5.0
4.0
3.0
2.0
1.0
.001
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.95
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FREQUENCY OF OCCURRENCE
-2.0
-1.0
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4.0
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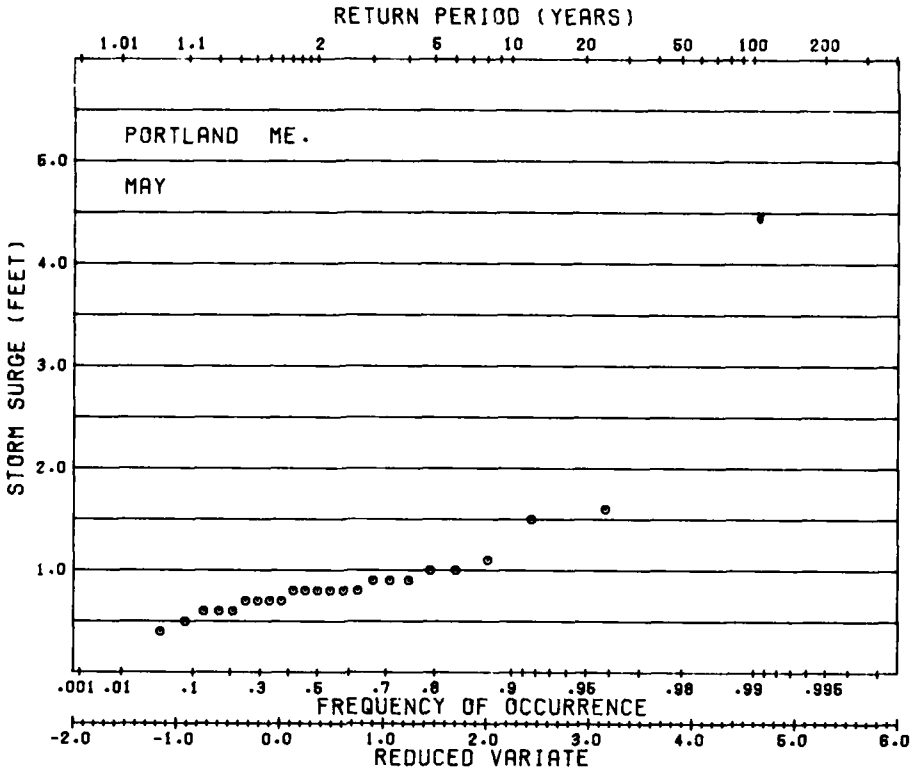
REDUCED VARIATE


RETURN PERIOD (YEARS)
1.01
1.1
2
5
10
20
50
100
200
PORTLAND ME.
MAY
STORM SURGE (FEET)
6.0
4.0
3.0
2.0
1.0
.001 .01 .1 .3 .5 .7 .8 .9 .95 .98 .99 .995
FREQUENCY OF OCCURRENCE
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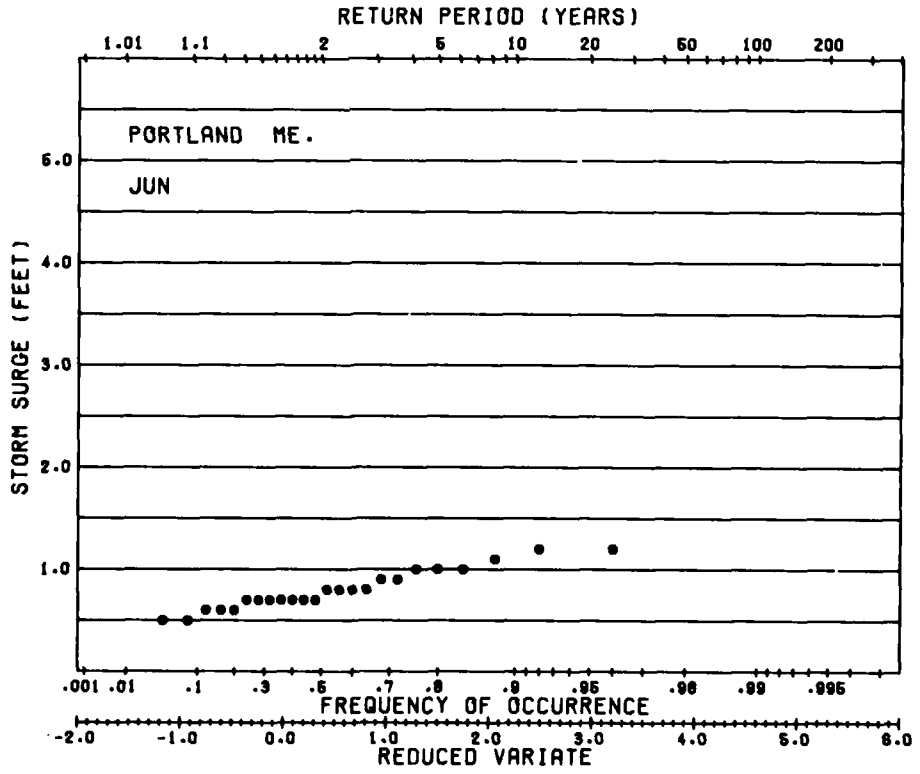
RETURN PERIOD (YEARS)
1.01
1.1
2
5
10
20
50
100
200
PORTLAND ME.
JUN
STORM SURGE (FEET)
6.0
4.0
3.0
2.0
1.0
.001 .01 .1 .3 .5 .7 .8 .9 .95 .98 .99 .995
FREQUENCY OF OCCURRENCE
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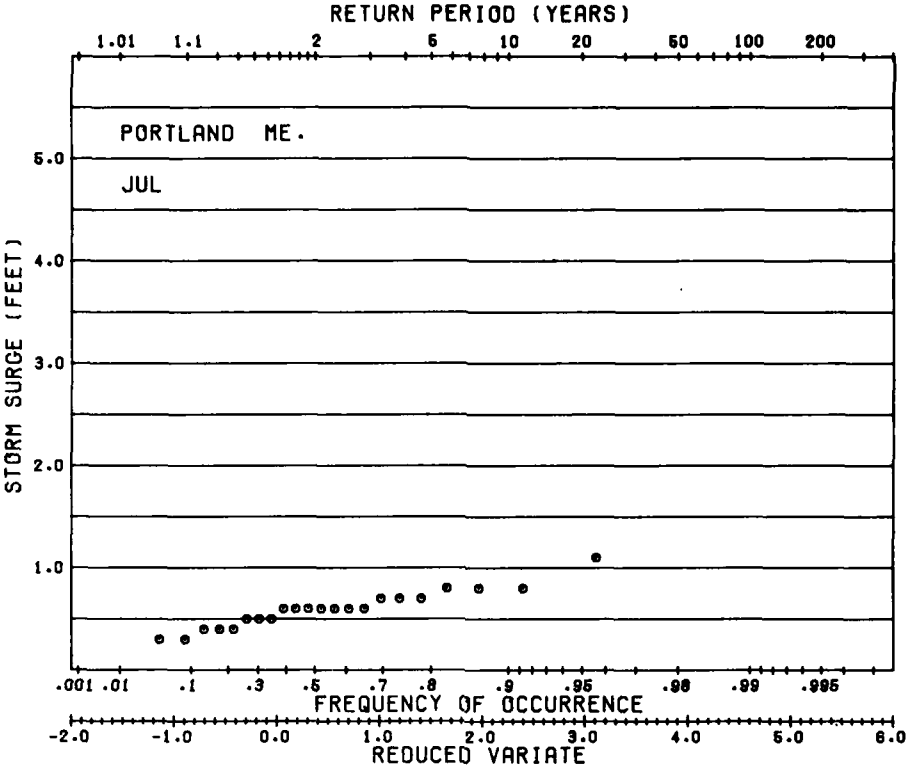
RETURN PERIOD (YEARS)
1.01
1.1
2
5
10
20
50
100
200
PORTLAND ME.
JUL
STORM SURGE (FEET)
5.0
4.0
3.0
2.0
1.0
.001
.01
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.95
.98
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.995
FREQUENCY OF OCCURRENCE
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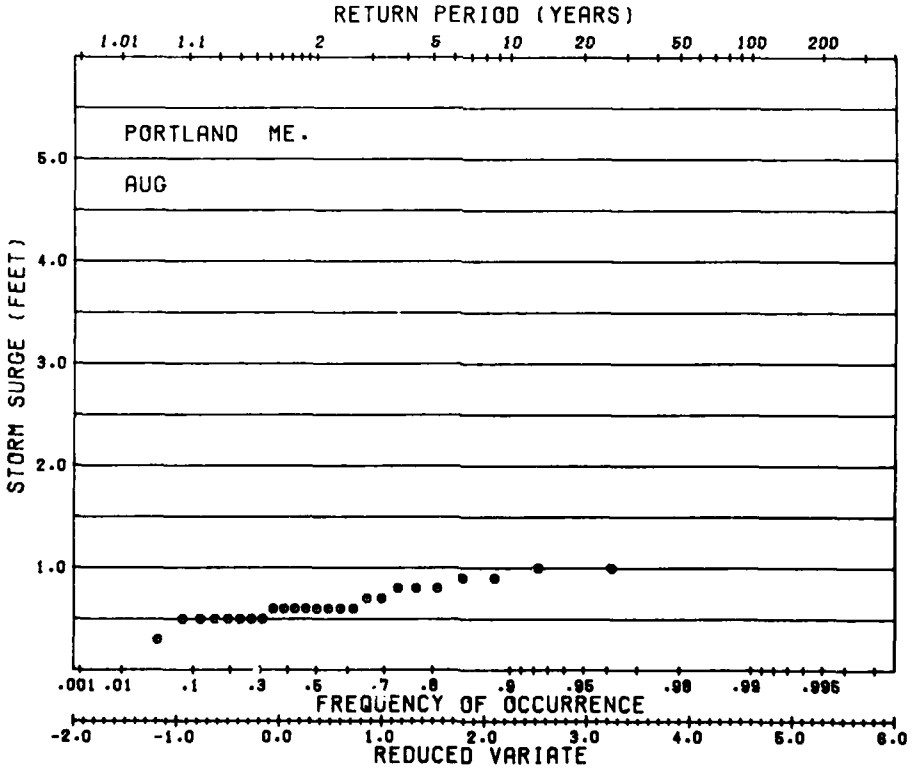
REDUCED VARIATE


RETURN PERIOD (YEARS)
1.01
1.1
2
5
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20
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100
200
PORTLAND ME.
AUG
STORM SURGE (FEET)
5.0
4.0
3.0
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FREQUENCY OF OCCURRENCE
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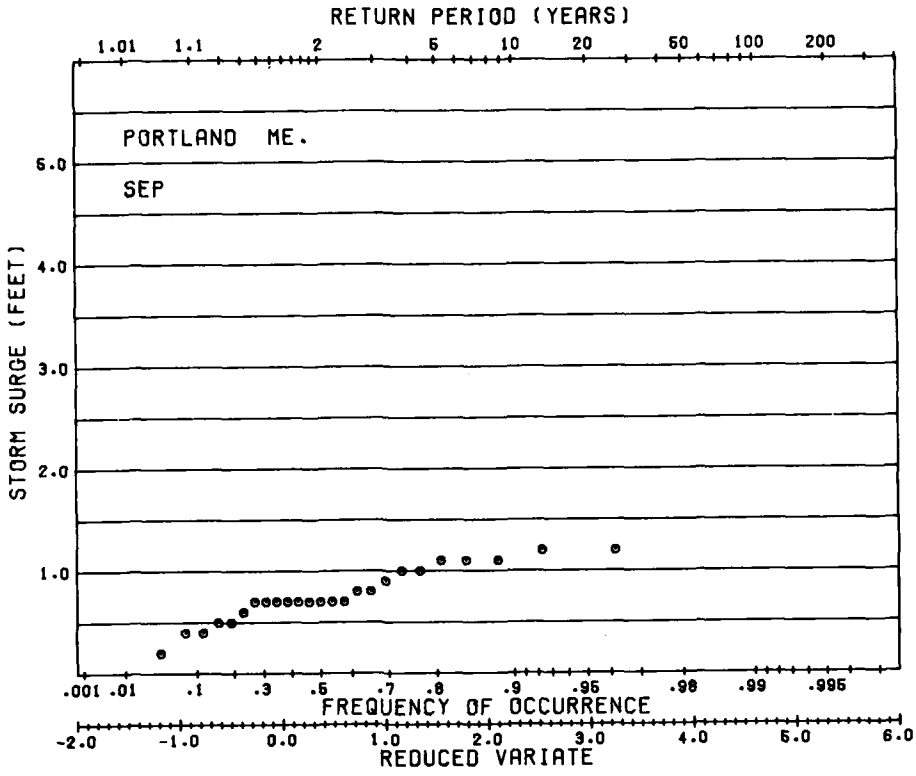
RETURN PERIOD (YEARS)
1.01
1.1
2
5
10
20
50
100
200
PORTLAND ME.
SEP
STORM SURGE (FEET)
6.0
4.0
3.0
2.0
1.0
.001
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.95
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FREQUENCY OF OCCURRENCE
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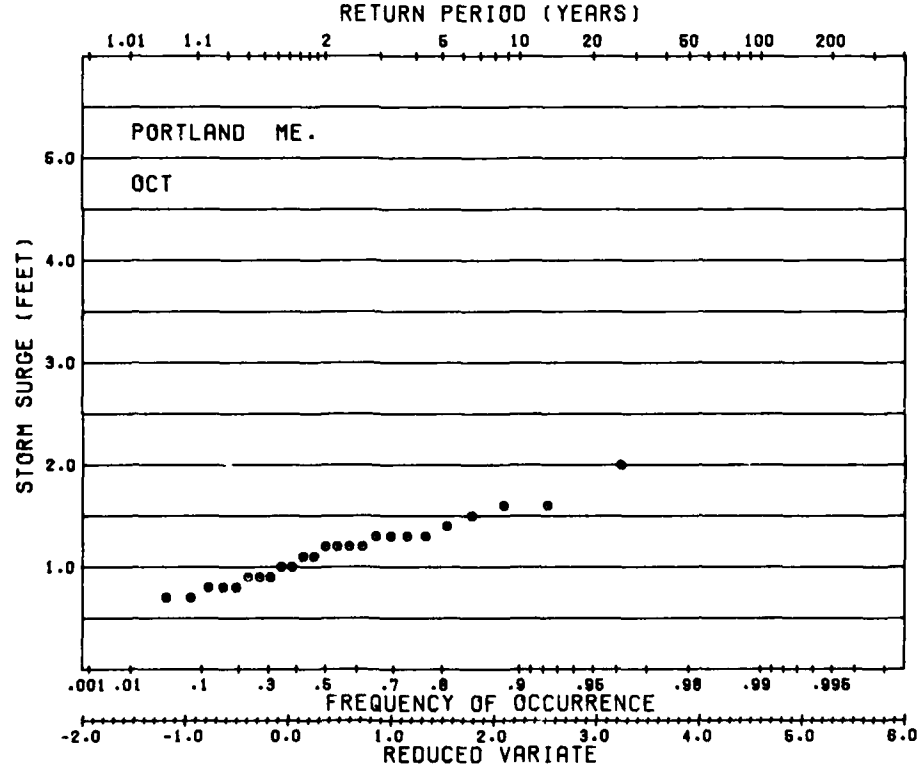
REDUCED VARIATE


RETURN PERIOD (YEARS)
1.01
1.1
2
5
10
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50
100
200
PORTLAND ME.
OCT
STORM SURGE (FEET)
6.0
4.0
3.0
2.0
1.0
.001
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.95
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FREQUENCY OF OCCURRENCE
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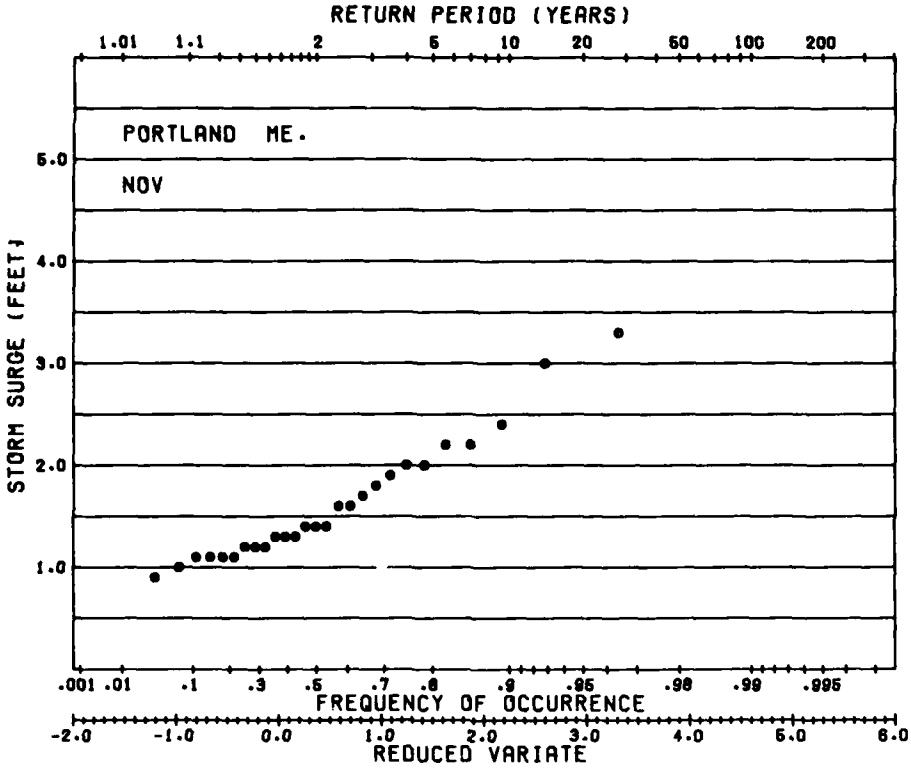
RETURN PERIOD (YEARS)
1.01
1.1
2
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200
PORTLAND ME.
NOV
STORM SURGE (FEET)
6.0
4.0
3.0
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FREQUENCY OF OCCURRENCE
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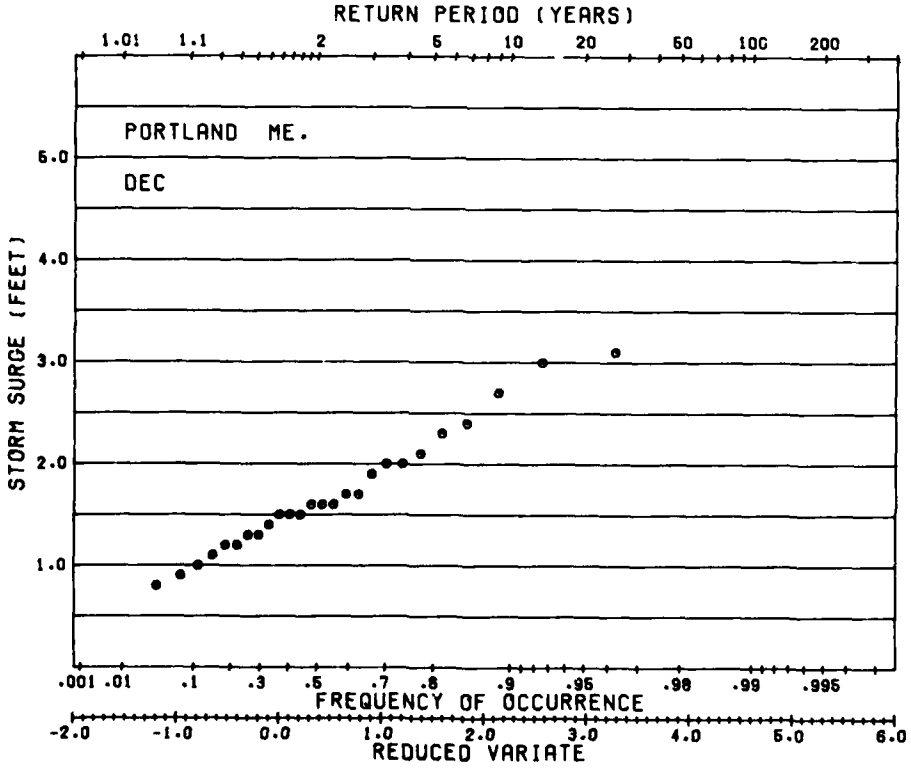
RETURN PERIOD (YEARS)
1.01
1.1
2
5
10
20
50
100
200
PORTLAND ME.
DEC
STORM SURGE (FEET)
6.0
4.0
3.0
2.0
1.0
.001
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FREQUENCY OF OCCURRENCE
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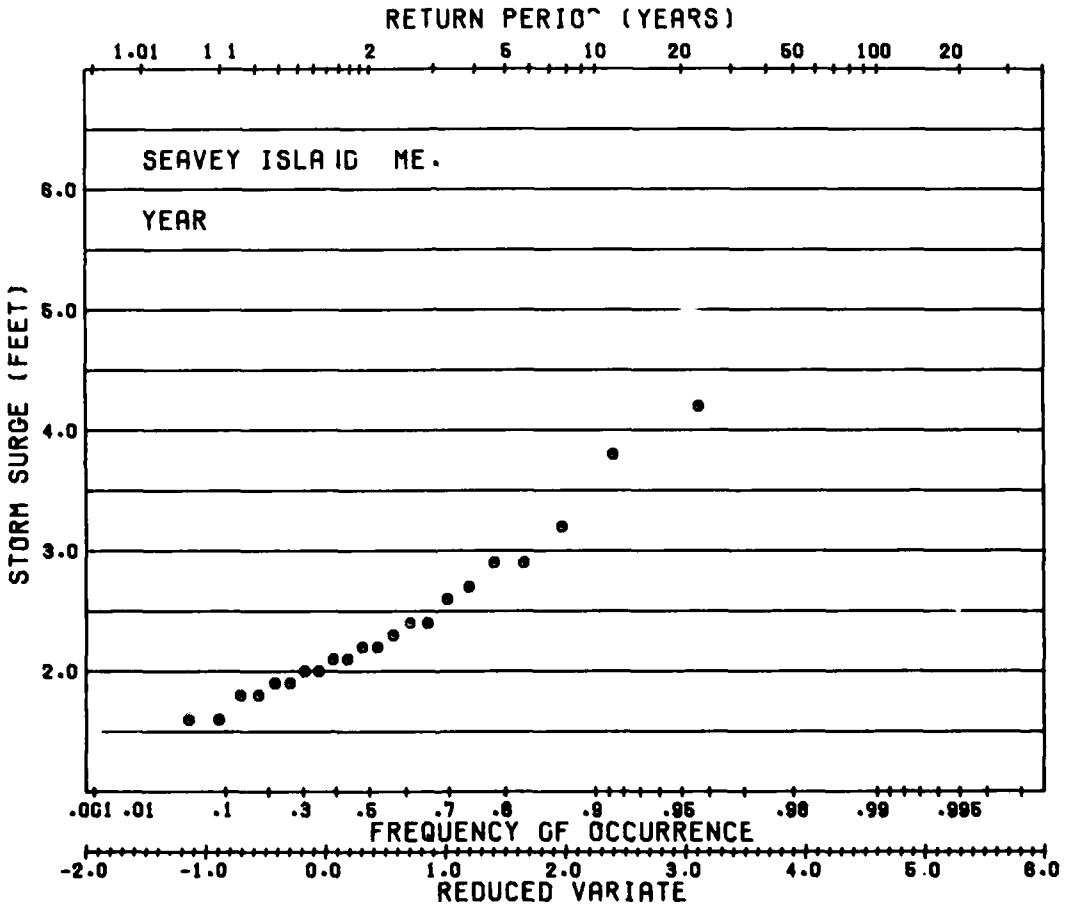
REDUCED VARIATE


RETURN PERIOD (YEARS)
1.01
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2
5
10
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20
SEAVEY ISLAND ME.
YEAR
STORM SURGE (FEET)
6.0
5.0
4.0
3.0
2.0
.001 .01
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.5
.7
.8
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.95
.98
.99
.995
FREQUENCY OF OCCURRENCE
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-1.0
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4.0
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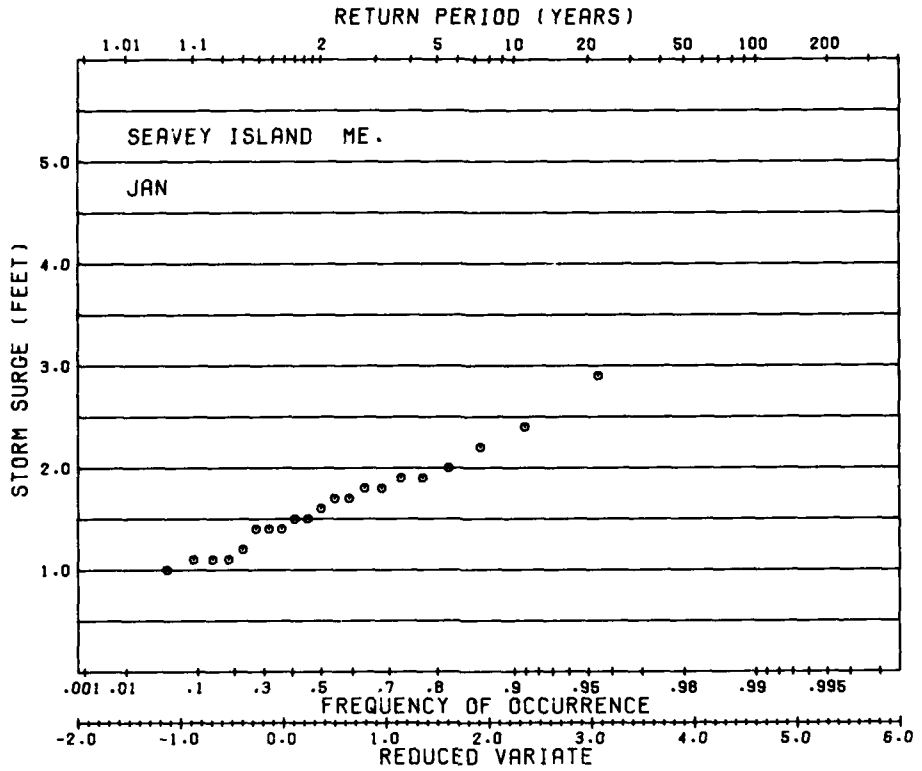
6.0
REDUCED VARIATE


RETURN PERIOD (YEARS)
1.01
1.1
2
5
10
20
50
100
200
SEAVEY ISLAND ME.
JAN
STORM SURGE (FEET)
5.0
4.0
3.0
2.0
1.0
.001
.01
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.3
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.95
.98
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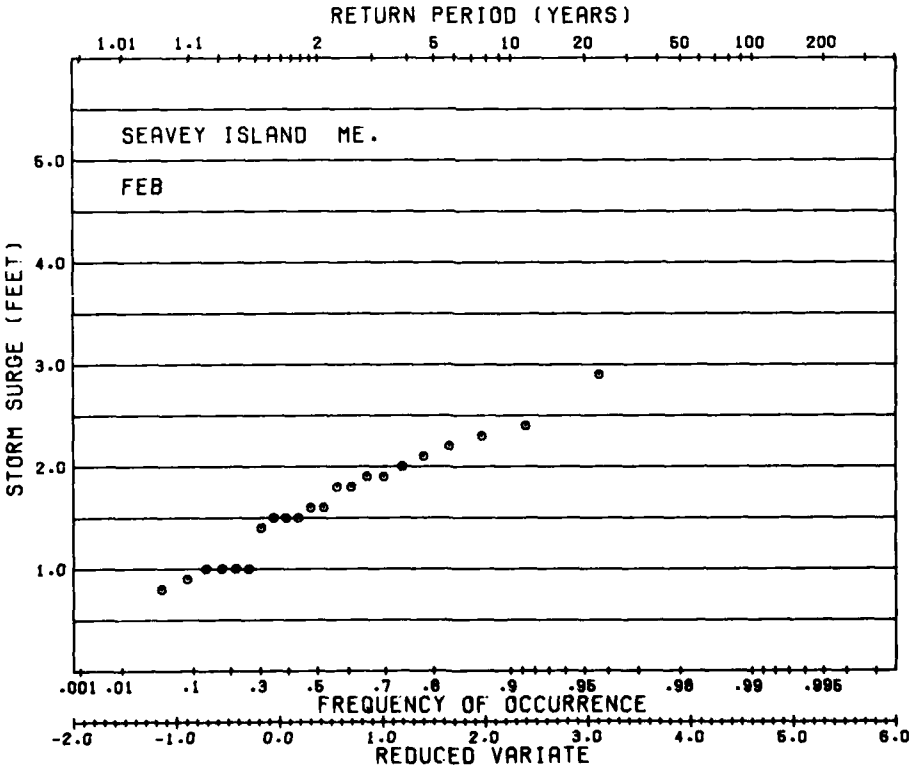
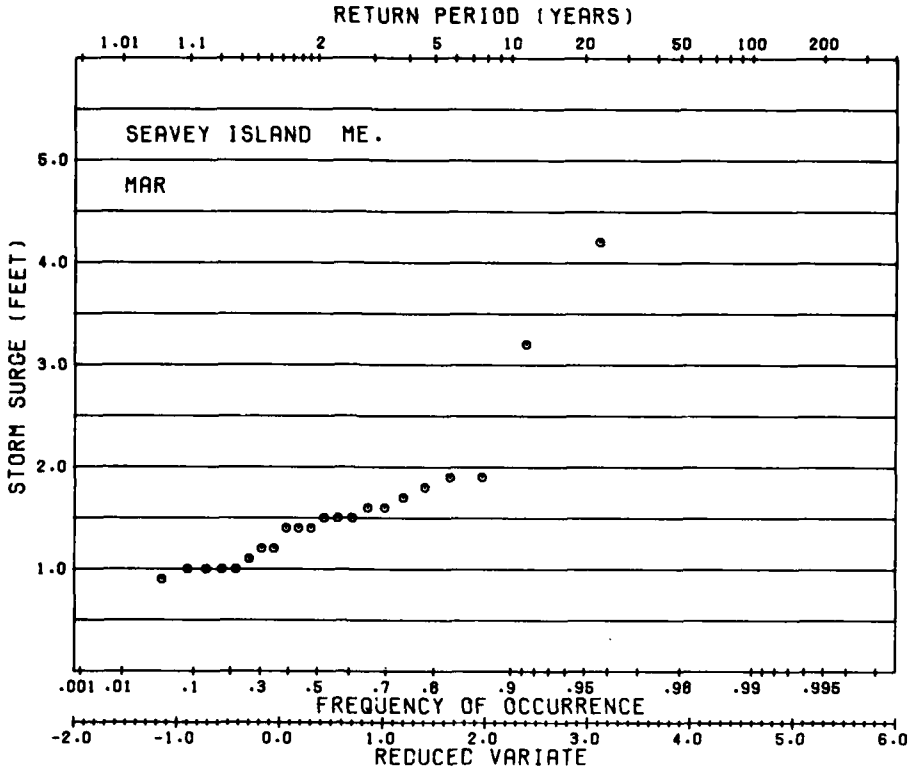
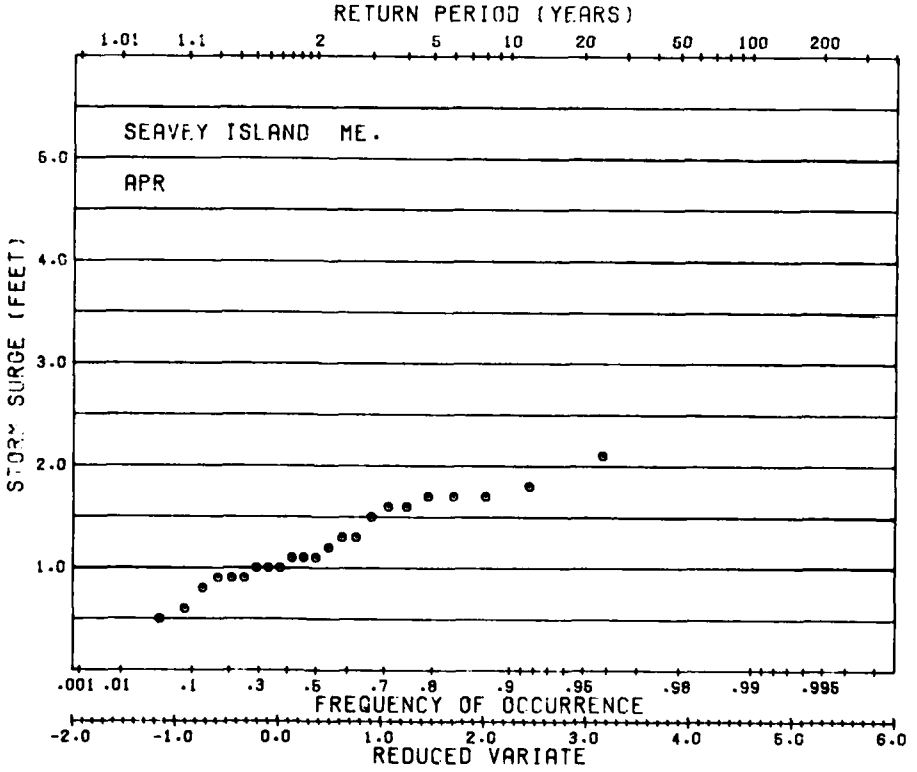
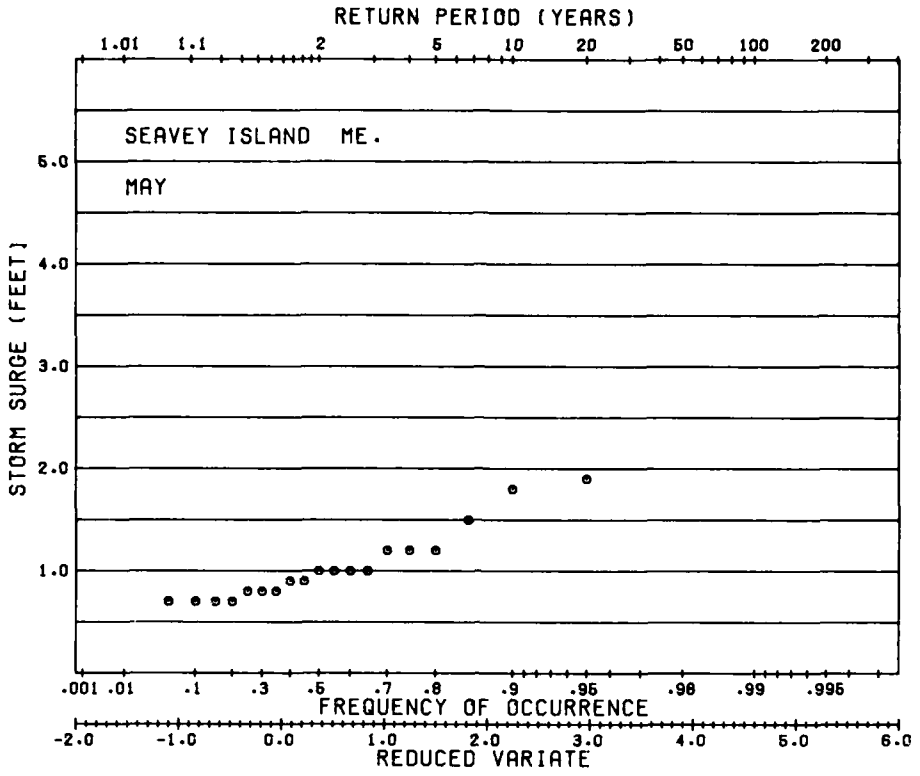
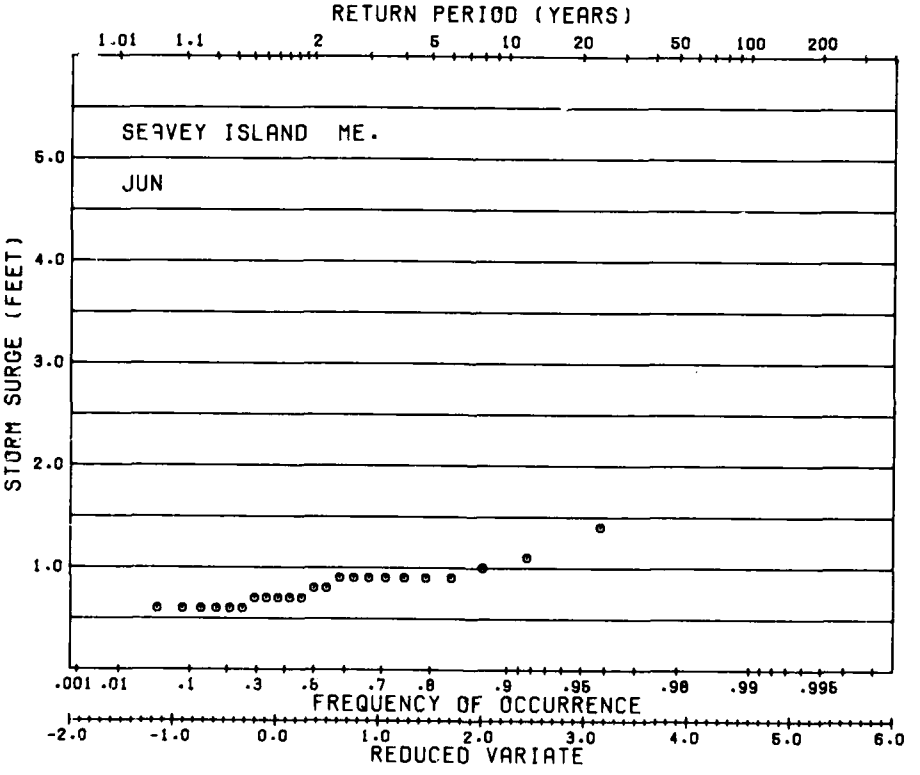
.995
FREQUENCY OF OCCURRENCE
-2.0
-1.0
0.0
1.0
2.0
3.0
4.0
5.0
6.0
REDUCED VARIATE


RETURN PERIOD (YEARS)
1.01
1.1
2
5
10
20
50
100
200
SEAVEY ISLAND ME.
FEB
STORM SURGE (FEET)
6.0
4.0
3.0
2.0
1.0
.001
.01
.1
.3
.5
.7
.8
.9
.95
.98
.99
.995
FREQUENCY OF OCCURRENCE
-2.0
-1.0
0.0
1.0
2.0
3.0
4.0
5.0
6.0
REDUCED VARIATE


RETURN PERIOD (YEARS)
1.01
1.1
2
5
10
20
50
100
200
SEAVEY ISLAND ME.
MAR
STORM SURGE (FEET)
6.0
5.0
4.0
3.0
2.0
1.0
.001
.01
.1
.3
.5
.7
.8
.9
.95
.98
.99
.995
FREQUENCY OF OCCURRENCE
-2.0
-1.0
0.0
1.0
2.0
3.0
4.0
5.0
6.0
REDUCED VARIATE


RETURN PERIOD (YEARS)
1.01
1.1
2
5
10
20
50
100
200
SEAVEY ISLAND ME.
APR
STORM SURGE (FEET)
6.0
5.0
4.0
3.0
2.0
1.0
.001
.01
.1
.3
.5
.7
.8
.9
.95
.98
.99
.995
FREQUENCY OF OCCURRENCE
-2.0
-1.0
0.0
1.0
2.0
3.0
4.0
5.0
6.0
REDUCED VARIATE


RETURN PERIOD (YEARS)
1.01 1.1 2 5 10 20 50 100 200
SEAVEY ISLAND ME.
MAY
STORM SURGE (FEET)
5.0
4.0
3.0
2.0
1.0
.001 .01 .1 .3 .5 .7 .8 .9 .95 .98 .99 .995
FREQUENCY OF OCCURRENCE
-2.0 -1.0 0.0 1.0 2.0 3.0 4.0 5.0 6.0
REDUCED VARIATE


RETURN PERIOD (YEARS)
1.01 1.1 2 5 10 20 50 100 200
SEAVEY ISLAND ME.
JUN
STORM SURGE (FEET)
5.0
4.0
3.0
2.0
1.0
.001 .01 .1 .3 .5 .7 .8 .9 .95 .98 .99 .995
FREQUENCY OF OCCURRENCE
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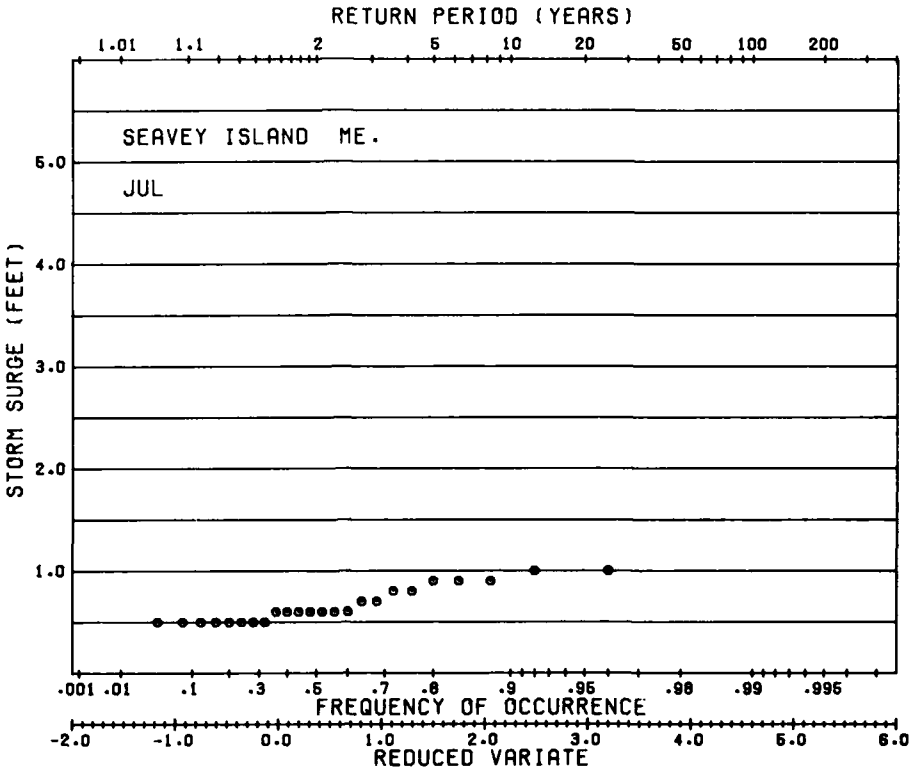
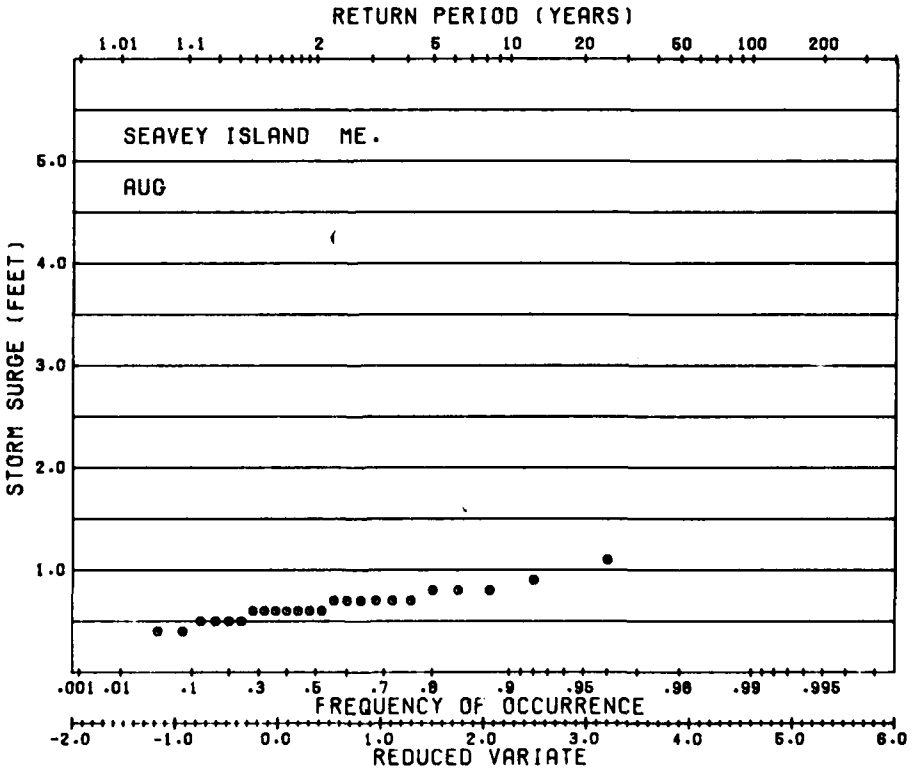
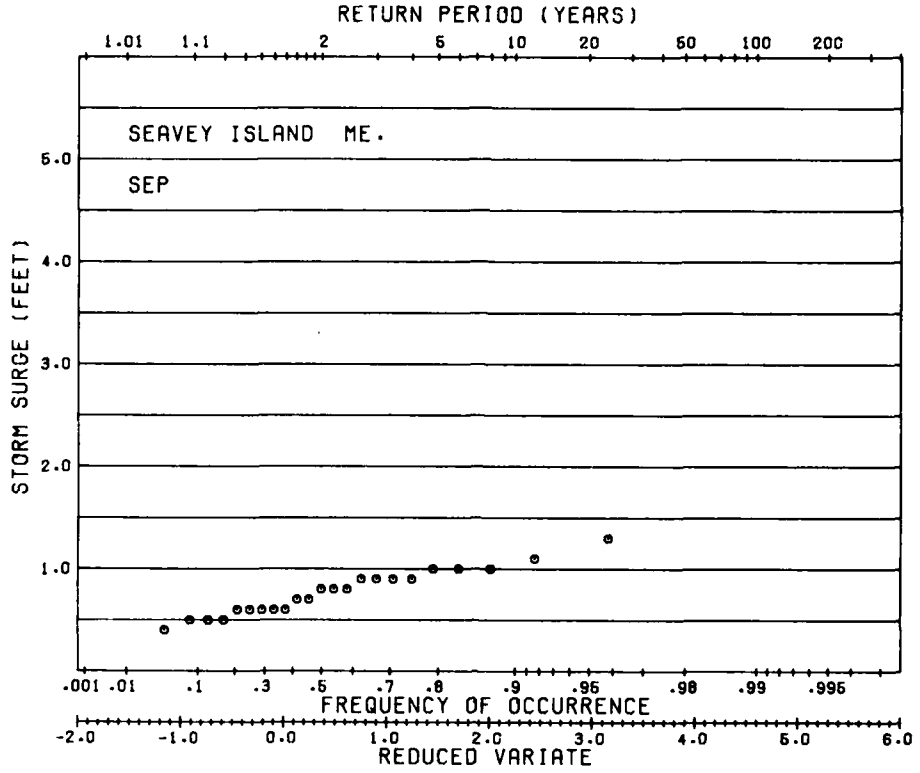
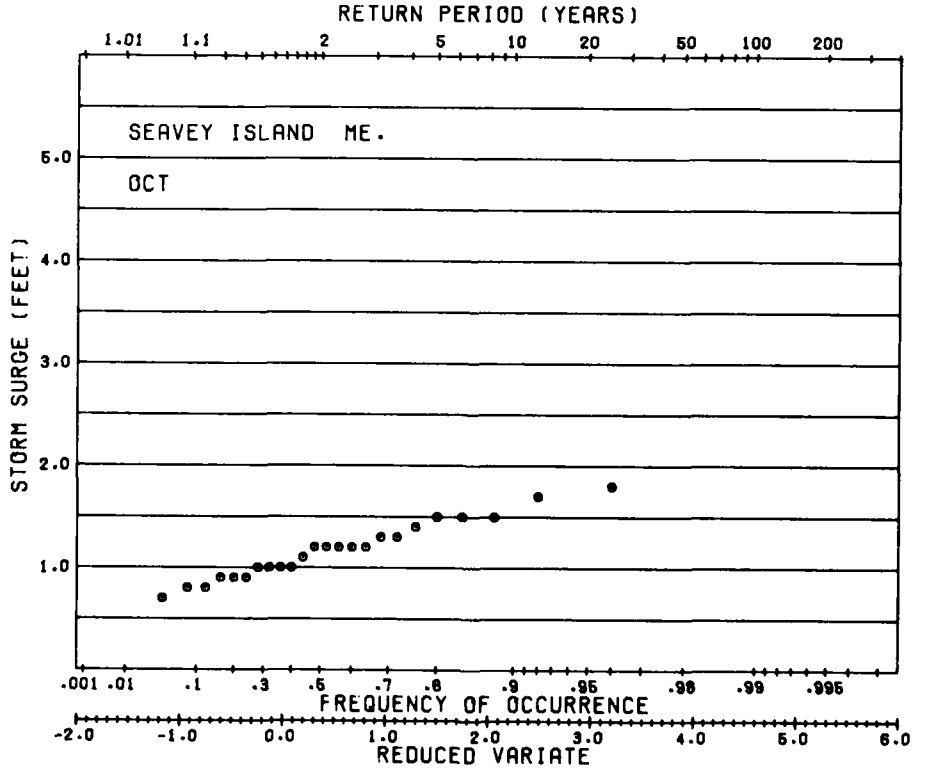
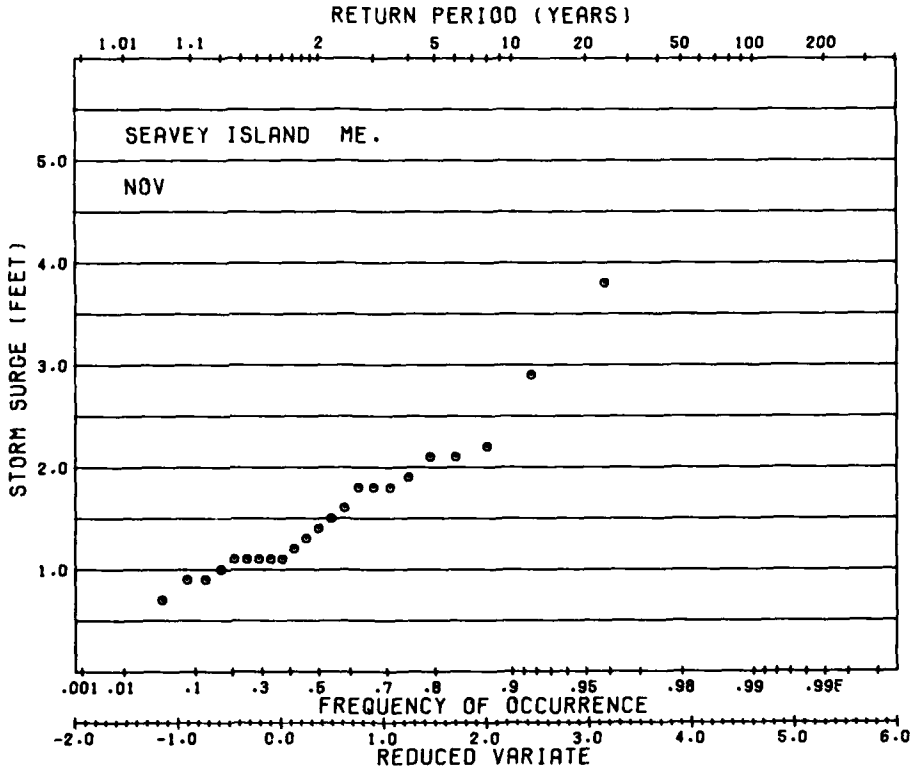
REDUCED VARIATE

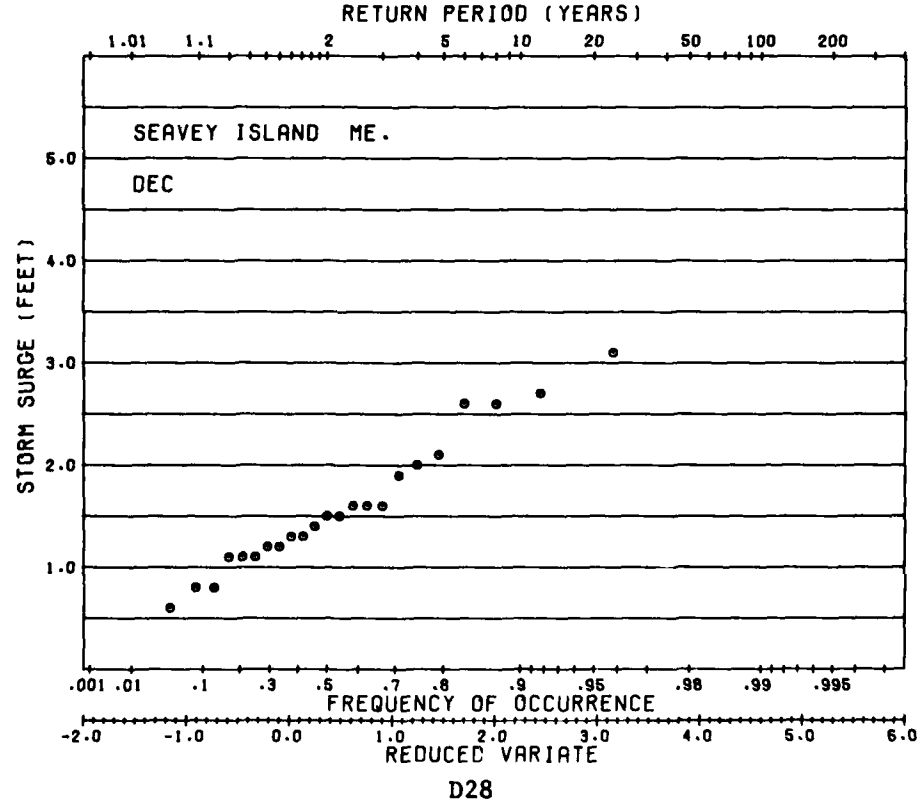

RETURN PERIOD (YEARS)
1.01
1.1
2
5
10
20
50
100
200
SEAVEY ISLAND ME.
JUL
STORM SURGE (FEET)
5.0
4.0
3.0
2.0
1.0
.001 .01 .1 .3 .5 .7 .8 .9 .95 .98 .99 .995
FREQUENCY OF OCCURRENCE
-2.0 -1.0 0.0 1.0 2.0 3.0 4.0 5.0 6.0
REDUCED VARIATE

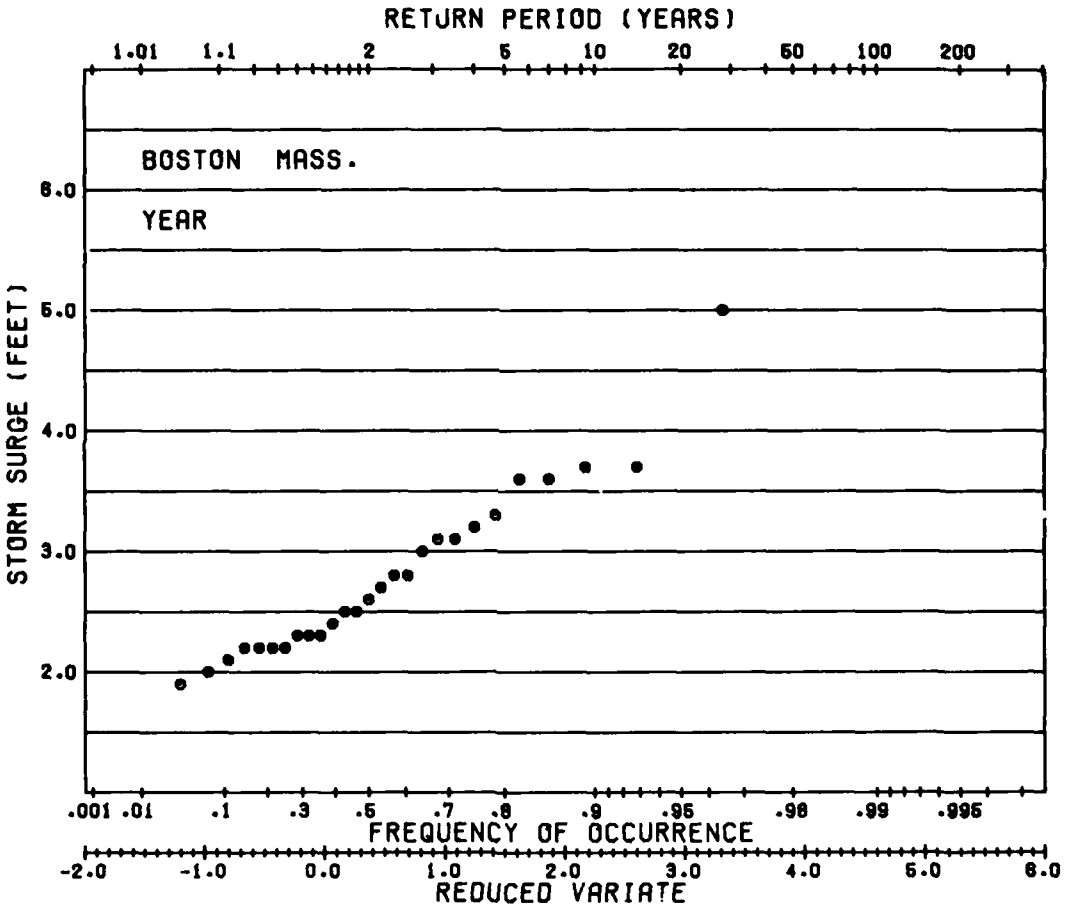

RETURN PERIOD (YEARS)
1.01
1.1
2
5
10
20
50
100
200
SEAVEY ISLAND ME.
AUG
STORM SURGE (FEET)
5.0
4.0
3.0
2.0
1.0
.001 .01 .1 .3 .5 .7 .8 .9 .95 .98 .99 .995
FREQUENCY OF OCCURRENCE
-2.0 -1.0 0.0 1.0 2.0 3.0 4.0 5.0 6.0
REDUCED VARIATE

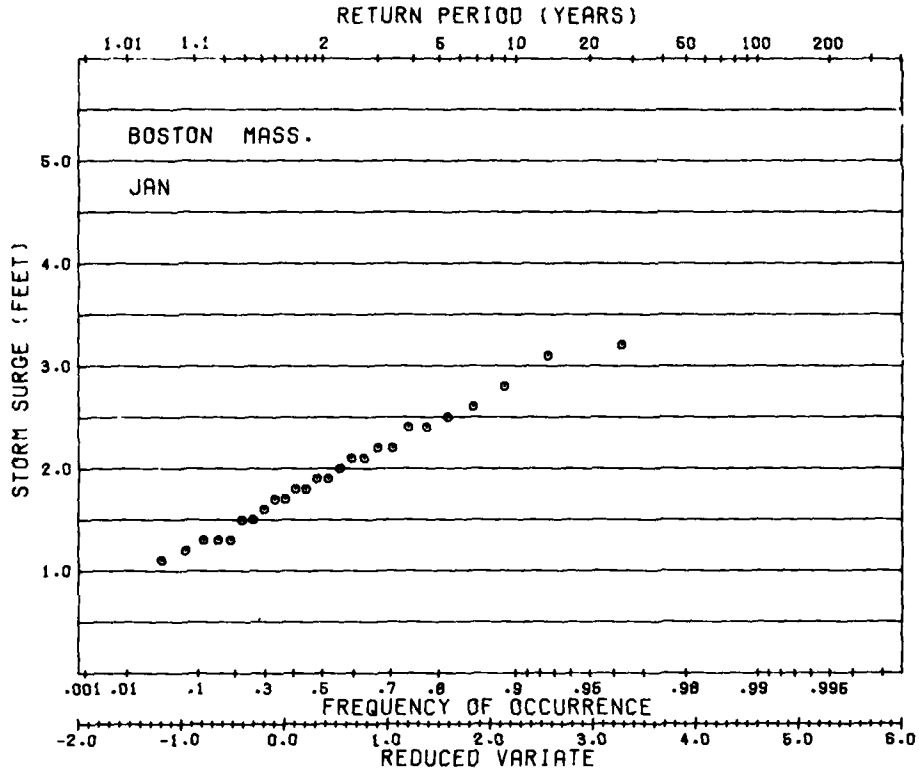

RETURN PERIOD (YEARS)
1.01
1.1
2
5
10
20
50
100
200
SEAVEY ISLAND ME.
SEP
STORM SURGE (FEET)
5.0
4.0
3.0
2.0
1.0
.001
.01
.1
.3
.5
.7
.8
.9
.95
.98
.99
.995
FREQUENCY OF OCCURRENCE
-2.0
-1.0
0.0
1.0
2.0
3.0
4.0
5.0
6.0
REDUCED VARIATE

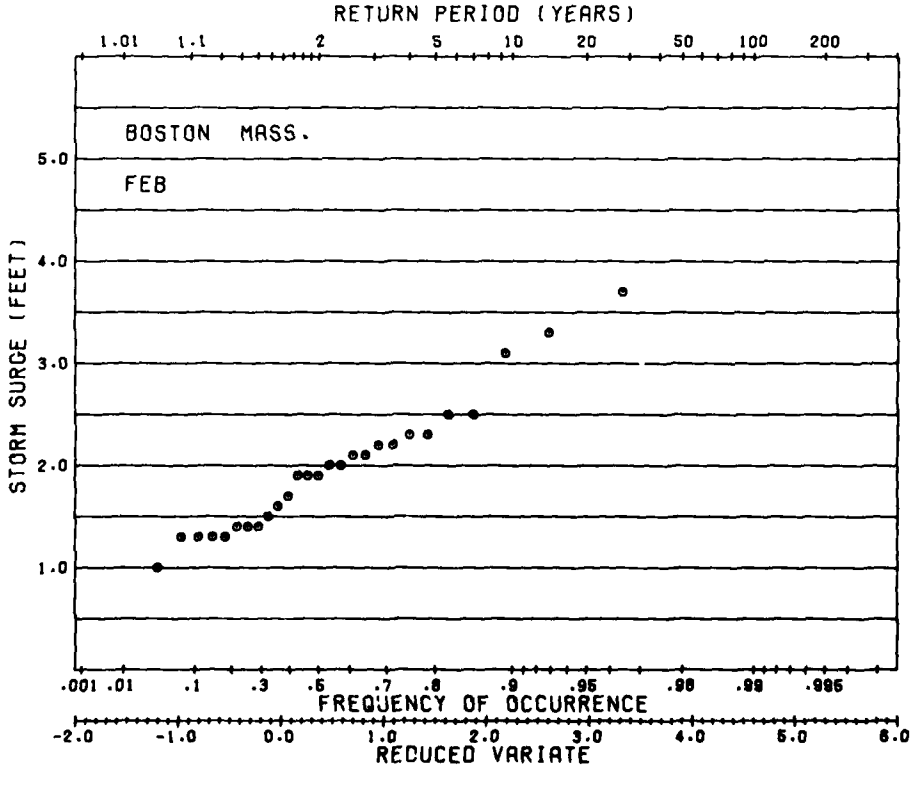

RETURN PERIOD (YEARS)
1.01
1.1
2
5
10
20
50
100
200
SEAVEY ISLAND ME.
OCT
STORM SURGE (FEET)
5.0
4.0
3.0
2.0
1.0
.001
.01
.1
.3
.5
.7
.8
.9
.95
.98
.99
.995
FREQUENCY OF OCCURRENCE
-2.0
-1.0
0.0
1.0
2.0
3.0
4.0
5.0
6.0
REDUCED VARIATE

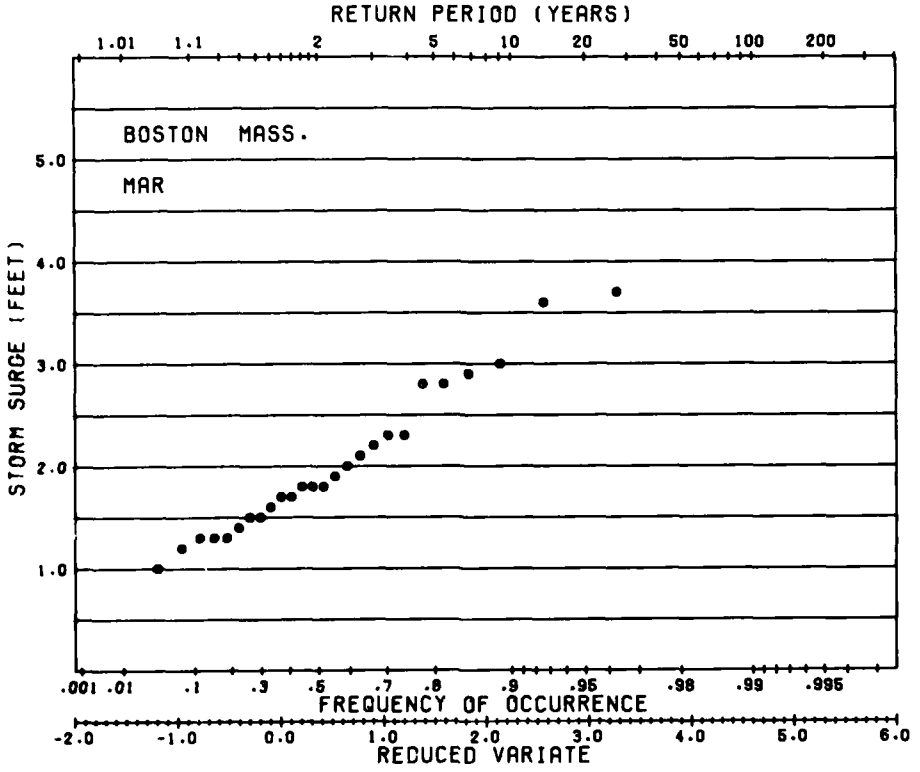

RETURN PERIOD (YEARS)
1.01
1.1
2
5
10
20
50
100
200
SEAVEY ISLAND ME.
NOV
STORM SURGE (FEET)
5.0
4.0
3.0
2.0
1.0
.001 .01 .1 .3 .5 .7 .8 .9 .95 .98 .99 .99F
FREQUENCY OF OCCURRENCE
-2.0 -1.0 0.0 1.0 2.0 3.0 4.0 5.0 6.0
REDUCED VARIATE

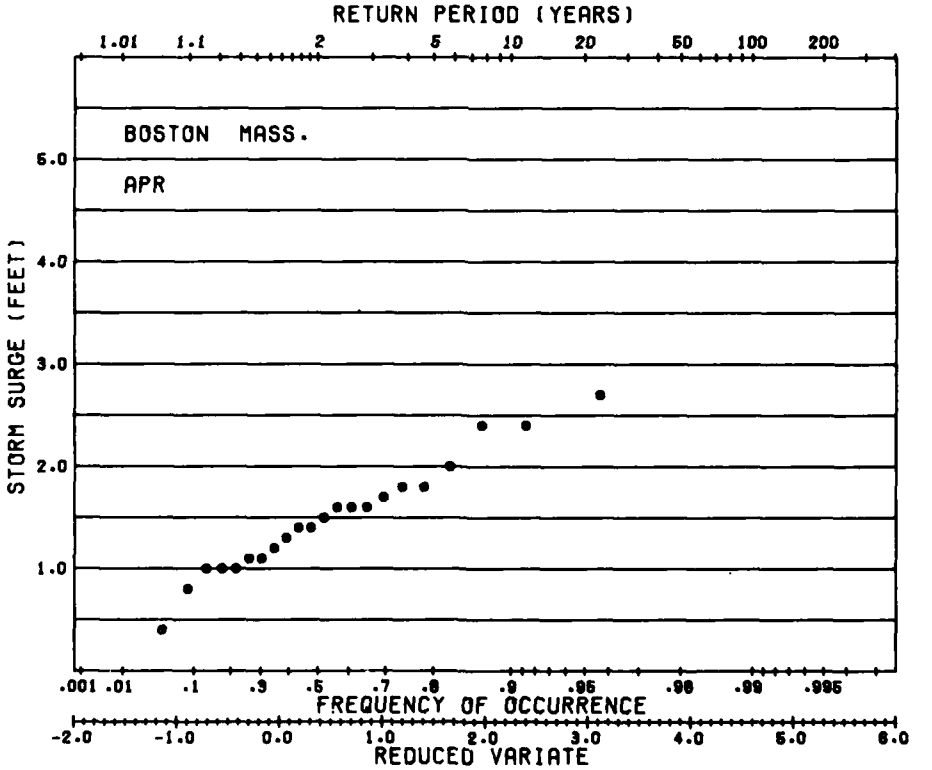

RETURN PERIOD (YEARS)
1.01
1.1
2
5
10
20
50
100
200
SEAVEY ISLAND ME.
DEC
STORM SURGE (FEET)
5.0
4.0
3.0
2.0
1.0
.001 .01 .1 .3 .5 .7 .8 .9 .95 .98 .99 .995
FREQUENCY OF OCCURRENCE
-2.0 -1.0 0.0 1.0 2.0 3.0 4.0 5.0 6.0
REDUCED VARIATE

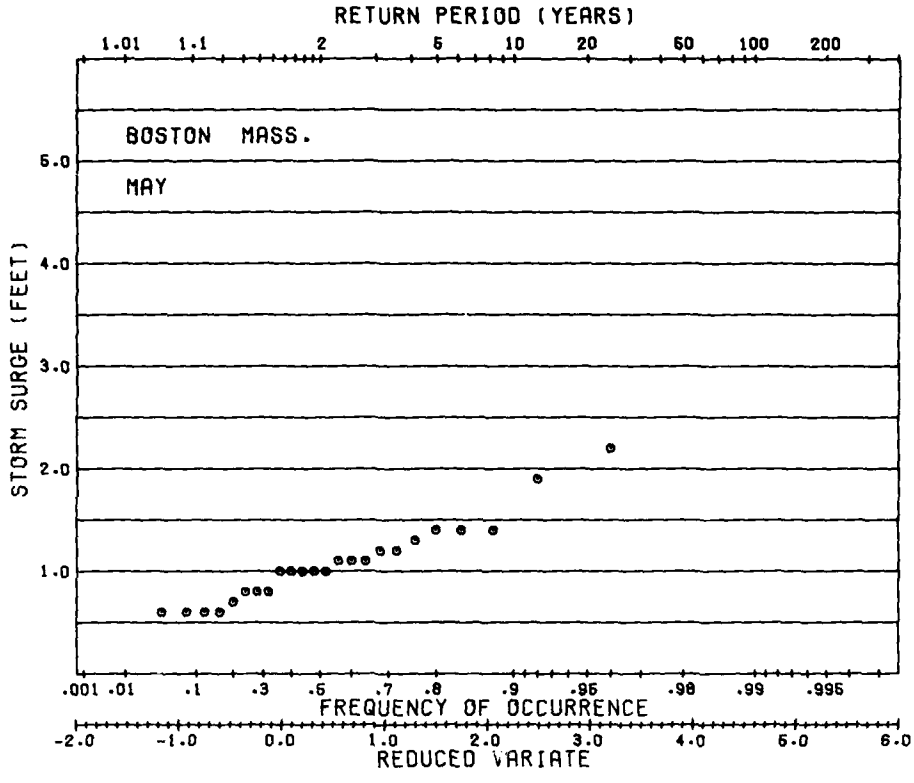

RETURN PERIOD (YEARS)
1.01
1.1
2
5
10
20
50
100
200
BOSTON MASS.
YEAR
STORM SURGE (FEET)
6.0
5.0
4.0
3.0
2.0
.001
.01
.1
.3
.5
.7
.8
.9
.95
.98
.99
.995
FREQUENCY OF OCCURRENCE
-2.0
-1.0
0.0
1.0
2.0
3.0
4.0
5.0
6.0
REDUCED VARIATE


RETURN PERIOD (YEARS)
1.01
1.1
2
5
10
20
50
100
200
BOSTON MASS.
JAN
STORM SURGE (FEET)
5.0
4.0
3.0
2.0
1.0
.001 .01 .1 .3 .5 .7 .8 .9 .95 .98 .99 .995
FREQUENCY OF OCCURRENCE
-2.0 -1.0 0.0 1.0 2.0 3.0 4.0 5.0 6.0
REDUCED VARIATE


RETURN PERIOD (YEARS)
1.01
1.1
2
5
10
20
50
100
200
BOSTON MASS.
FEB
STORM SURGE (FEET)
5.0
4.0
3.0
2.0
1.0
.001 .01 .1 .3 .5 .7 .8 .9 .95 .98 .99 .995
FREQUENCY OF OCCURRENCE
-2.0 -1.0 0.0 1.0 2.0 3.0 4.0 5.0 6.0
REDUCED VARIATE


RETURN PERIOD (YEARS)
1.01
1.1
2
5
10
20
50
100
200
BOSTON MASS.
MAR
STORM SURGE (FEET)
5.0
4.0
3.0
2.0
1.0
.001
.01
.1
.3
.5
.7
.8
.9
.95
.98
.99
.995
FREQUENCY OF OCCURRENCE
-2.0
-1.0
0.0
1.0
2.0
3.0
4.0
5.0
6.0
REDUCED VARIATE


RETURN PERIOD (YEARS)
1.01
1.1
2
5
10
20
50
100
200
BOSTON MASS.
APR
STORM SURGE (FEET)
5.0
4.0
3.0
2.0
1.0
.001
.01
.1
.3
.5
.7
.8
.9
.95
.98
.99
.995
FREQUENCY OF OCCURRENCE
-2.0
-1.0
0.0
1.0
2.0
3.0
4.0
5.0
6.0
REDUCED VARIATE


RETURN PERIOD (YEARS)
1.01
1.1
2
5
10
20
50
100
200
BOSTON MASS.
MAY
STORM SURGE (FEET)
5.0
4.0
3.0
2.0
1.0
.001
.01
.1
.3
.5
.7
.8
.9
.95
.98
.99
.995
FREQUENCY OF OCCURRENCE
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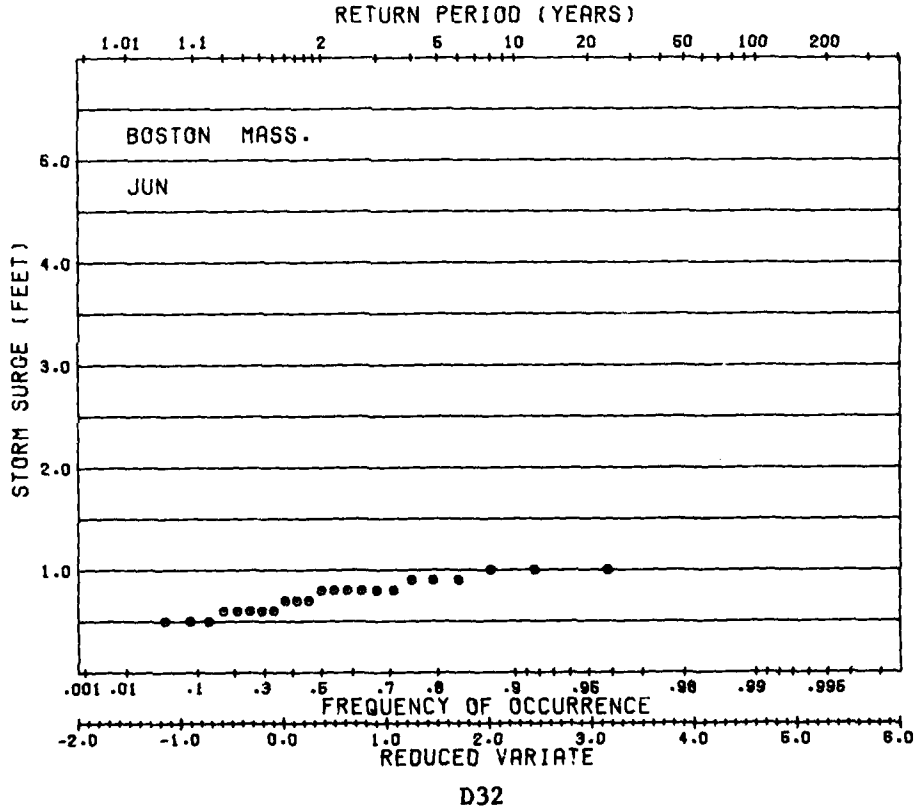
-1.0
0.0
1.0
2.0
3.0
4.0
5.0
6.0
REDUCED VARIATE


RETURN PERIOD (YEARS)
1.01
1.1
2
5
10
20
50
100
200
BOSTON MASS.
JUN
STORM SURGE (FEET)
6.0
4.0
3.0
2.0
1.0
.001
.01
.1
.3
.5
.7
.8
.9
.95
.98
.99
.995
FREQUENCY OF OCCURRENCE
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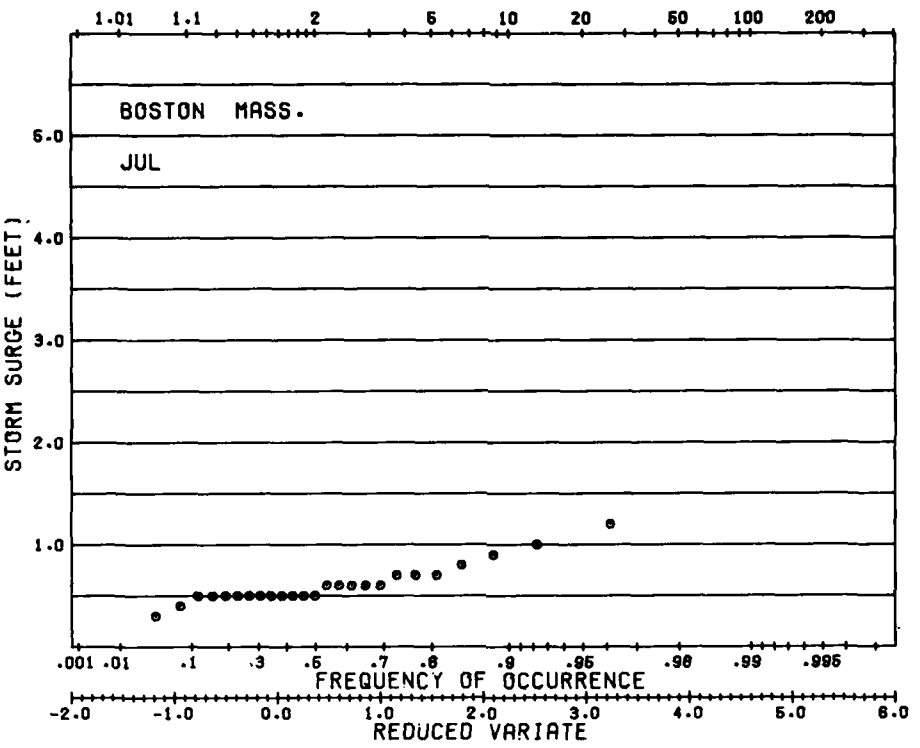
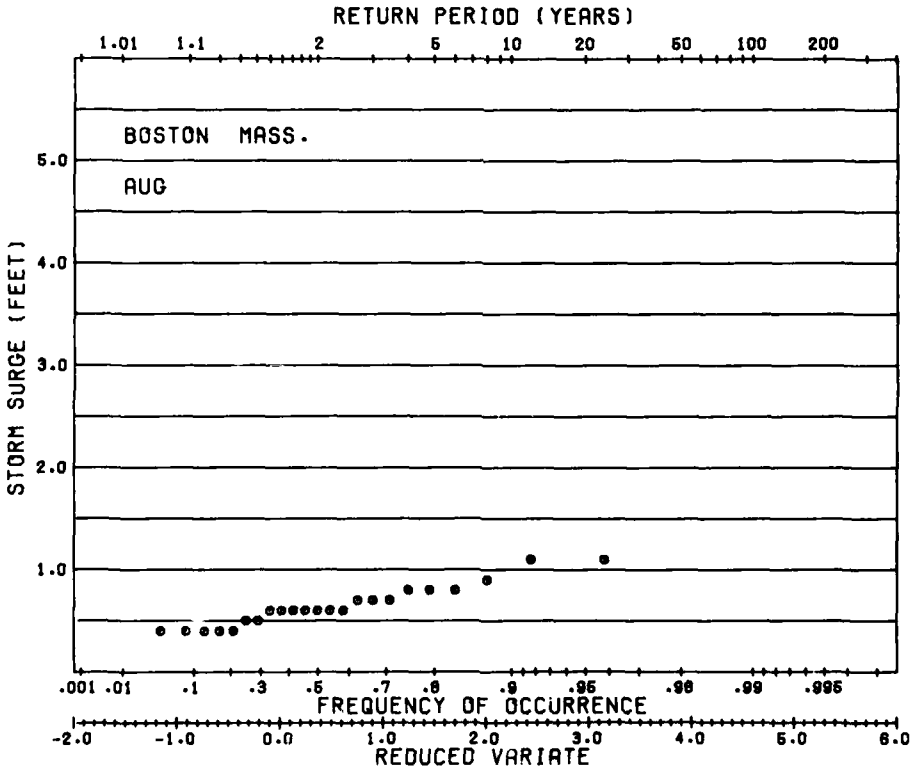
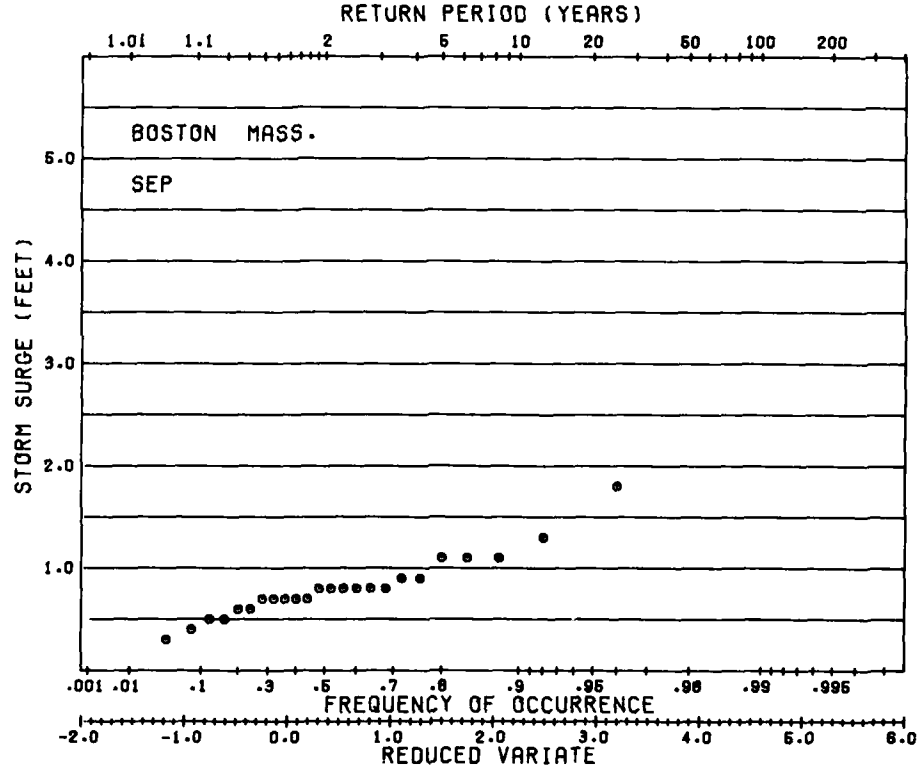
-1.0
0.0
1.0
2.0
3.0
4.0
5.0
6.0
REDUCED VARIATE


RETURN PERIOD (YEARS)
1.01
1.1
2
5
10
20
50
100
200
BOSTON MASS.
JUL
STORM SURGE (FEET)
6.0
4.0
3.0
2.0
1.0
.001 .01 .1 .3 .5 .7 .8 .9 .95 .98 .99 .995
FREQUENCY OF OCCURRENCE
-2.0 -1.0 0.0 1.0 2.0 3.0 4.0 5.0 6.0
REDUCED VARIATE


RETURN PERIOD (YEARS)
1.01
1.1
2
5
10
20
50
100
200
BOSTON MASS.
AUG
STORM SURGE (FEET)
5.0
4.0
3.0
2.0
1.0
.001 .01 .1 .3 .5 .7 .8 .9 .95 .98 .99 .995
FREQUENCY OF OCCURRENCE
-2.0 -1.0 0.0 1.0 2.0 3.0 4.0 5.0 6.0
REDUCED VARIATE


RETURN PERIOD (YEARS)
1.01
1.1
2
5
10
20
50
100
200
BOSTON MASS.
SEP
STORM SURGE (FEET)
5.0
4.0
3.0
2.0
1.0
.001
.01
.1
.3
.5
.7
.8
.9
.95
.98
.99
.995
FREQUENCY OF OCCURRENCE
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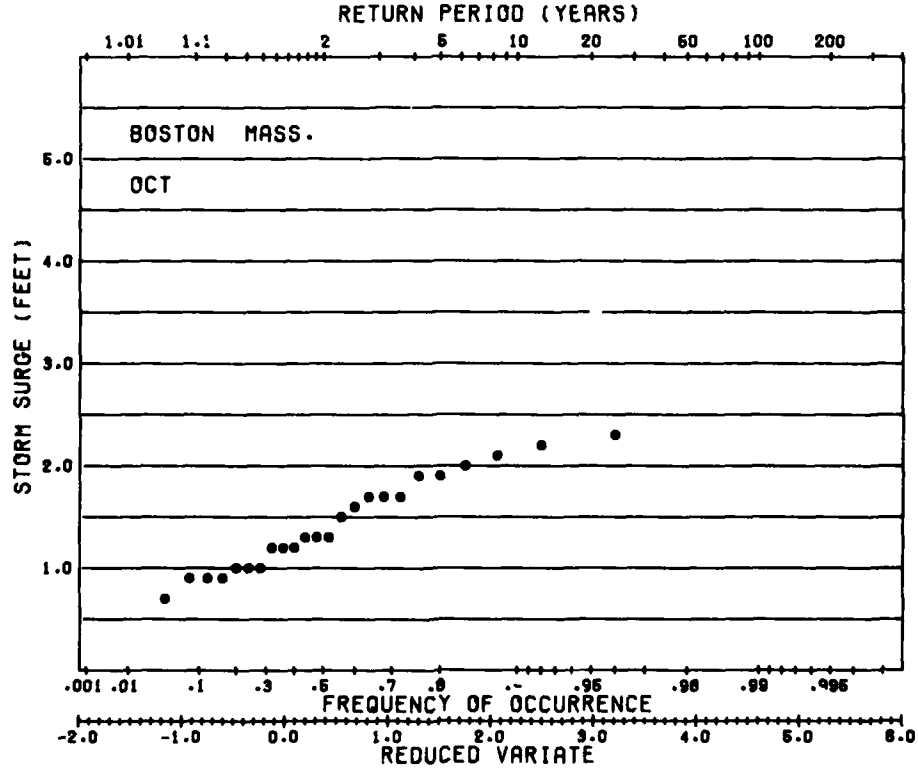
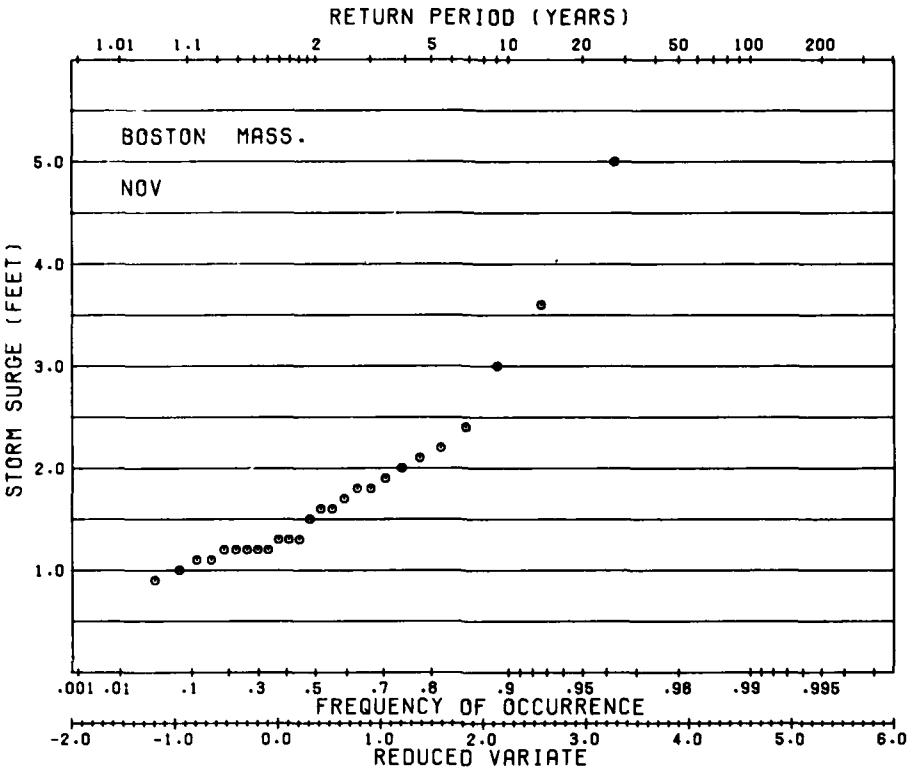
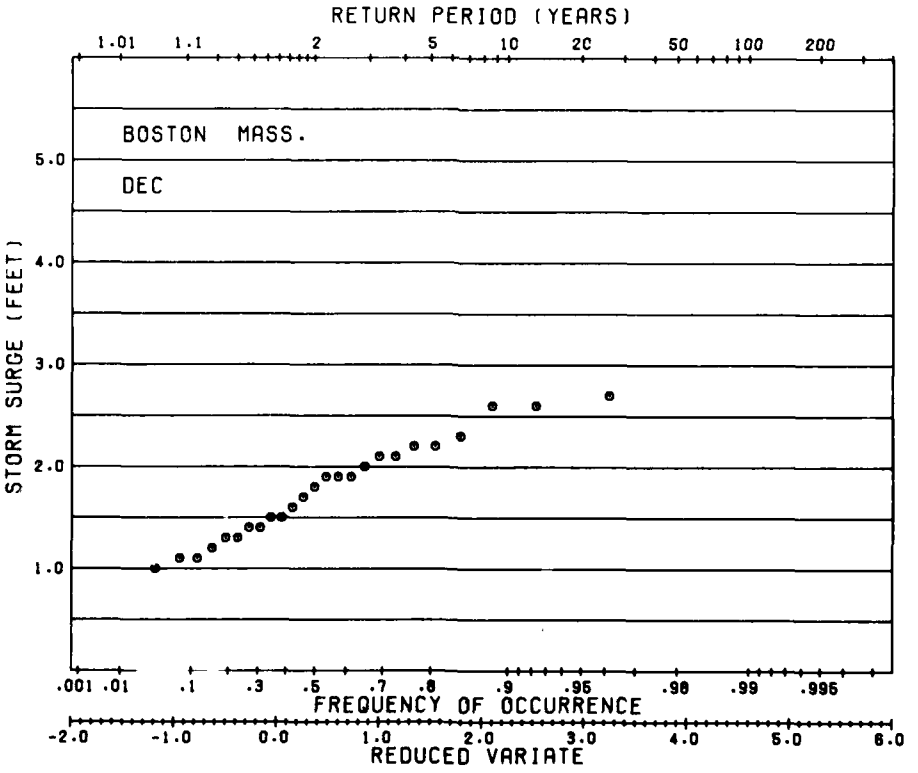
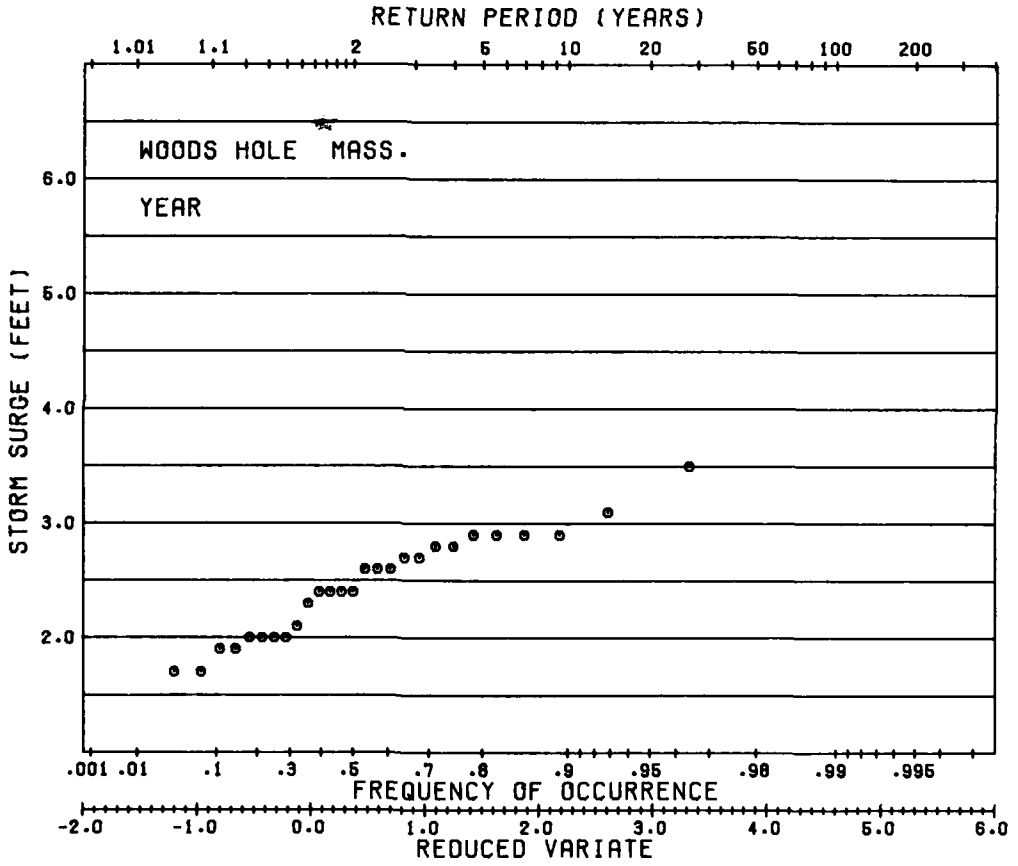
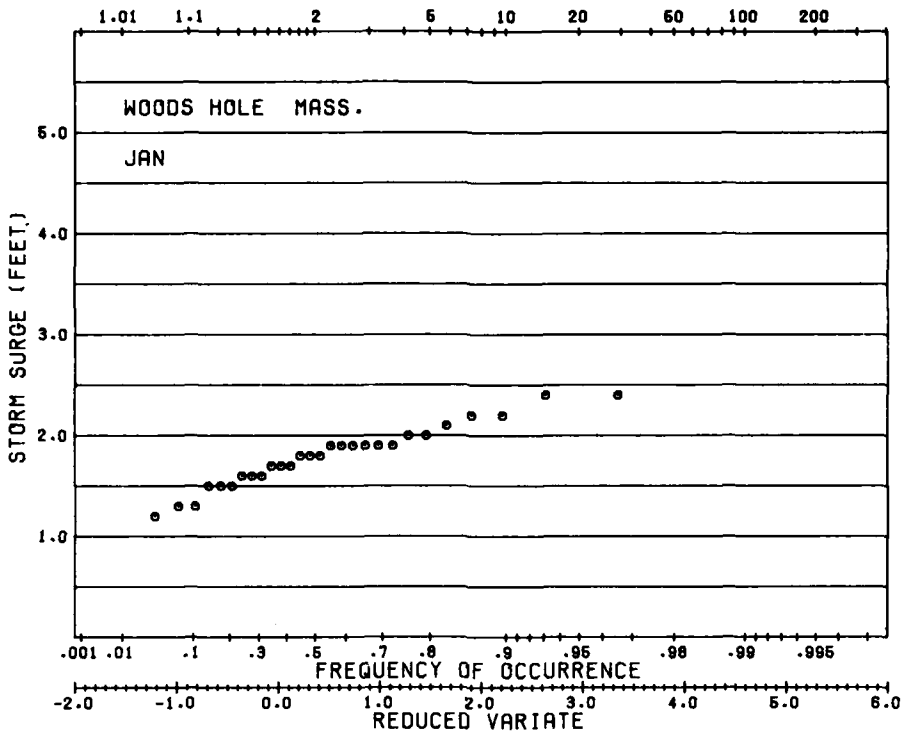
-1.0
0.0
1.0
2.0
3.0
4.0
5.0
6.0
REDUCED VARIATE

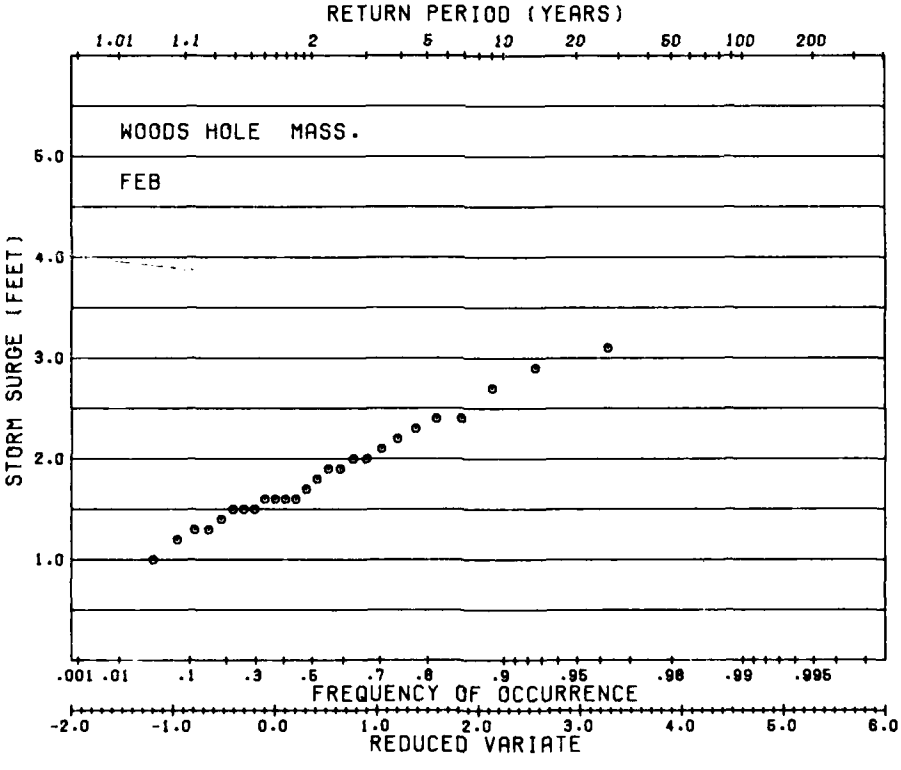

RETURN PERIOD (YEARS)
1.01
1.1
2
5
10
20
50
100
200
BOSTON MASS.
OCT
STORM SURGE (FEET)
5.0
4.0
3.0
2.0
1.0
.001
.01
.1
.3
.5
.7
.8
.9
.95
.98
.99
.995
FREQUENCY OF OCCURRENCE
-2.0
-1.0
0.0
1.0
2.0
3.0
4.0
5.0
6.0
REDUCED VARIATE

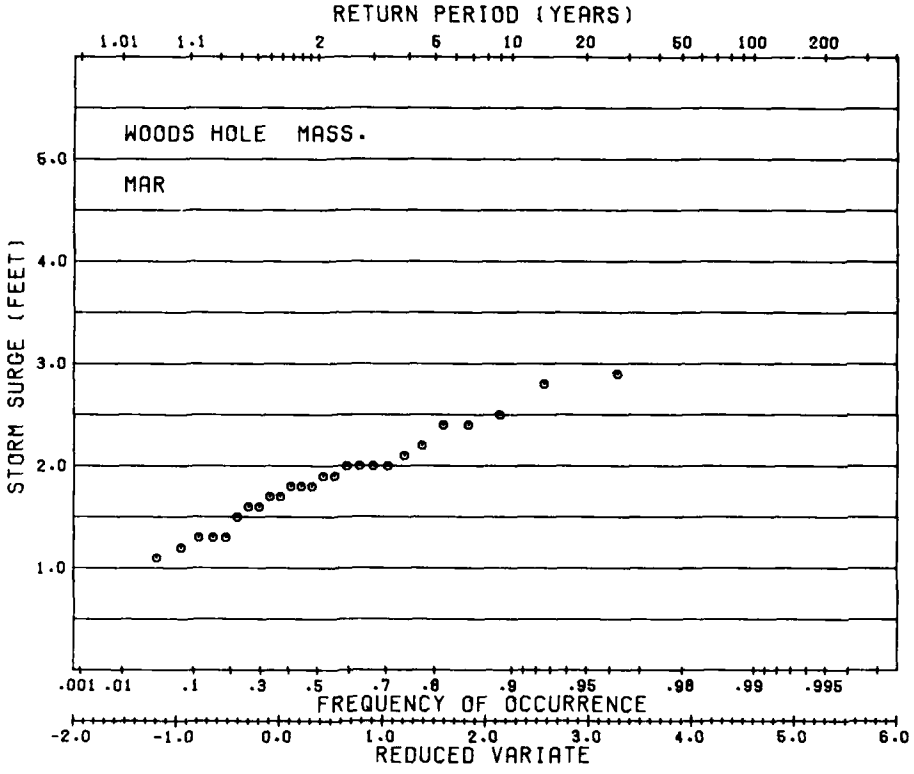

RETURN PERIOD (YEARS)
1.01
1.1
2
5
10
20
50
100
200
BOSTON MASS.
NOV
STORM SURGE (FEET)
5.0
4.0
3.0
2.0
1.0
.001
.01
.1
.3
.5
.7
.8
.9
.95
.98
.99
.995
FREQUENCY OF OCCURRENCE
-2.0
-1.0
0.0
1.0
2.0
3.0
4.0
5.0
6.0
REDUCED VARIATE


RETURN PERIOD (YEARS)
1.01
1.1
2
5
10
20
50
100
200
BOSTON MASS.
DEC
STORM SURGE (FEET)
5.0
4.0
3.0
2.0
1.0
.001
.01
.1
.3
.5
.7
.8
.9
.95
.98
.99
.995
FREQUENCY OF OCCURRENCE
-2.0
-1.0
0.0
1.0
2.0
3.0
4.0
5.0
6.0
REDUCED VARIATE


RETURN PERIOD (YEARS)
1.01
1.1
2
5
10
20
50
100
200
WOODS HOLE MASS.
YEAR
STORM SURGE (FEET)
6.0
5.0
4.0
3.0
2.0
.001
.01
.1
.3
.5
.7
.8
.9
.95
.98
.99
.995
FREQUENCY OF OCCURRENCE
-2.0
-1.0
0.0
1.0
2.0
3.0
4.0
5.0
6.0
REDUCED VARIATE


RETURN PERIOD (YEARS)
1.01
1.1
2
5
10
20
50
100
200
WOODS HOLE MASS.
JAN
STORM SURGE (FEET)
5.0
4.0
3.0
2.0
1.0
.001 .01 .1 .3 .5 .7 .8 .9 .95 .98 .99 .995
FREQUENCY OF OCCURRENCE
-2.0 -1.0 0.0 1.0 2.0 3.0 4.0 5.0 6.0
REDUCED VARIATE


RETURN PERIOD (YEARS)
1.01
1.1
2
5
10
20
50
100
200
WOODS HOLE MASS.
FEB
STORM SURGE (FEET)
5.0
4.0
3.0
2.0
1.0
.001 .01 .1 .3 .5 .7 .8 .9 .95 .98 .99 .995
FREQUENCY OF OCCURRENCE
-2.0 -1.0 0.0 1.0 2.0 3.0 4.0 5.0 6.0
REDUCED VARIATE


RETURN PERIOD (YEARS)
1.01
1.1
2
5
10
20
50
100
200
WOODS HOLE MASS.
MAR
STORM SURGE (FEET)
6.0
4.0
3.0
2.0
1.0
.001
.01
.1
.3
.5
.7
.8
.9
.95
.98
.99
.995
FREQUENCY OF OCCURRENCE
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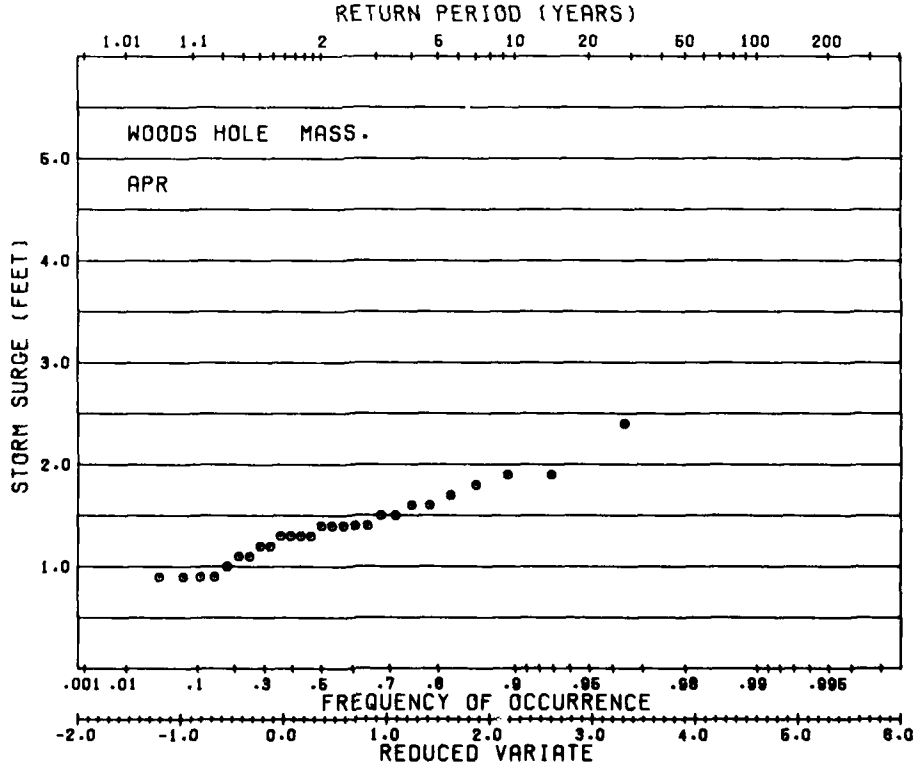
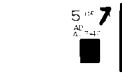
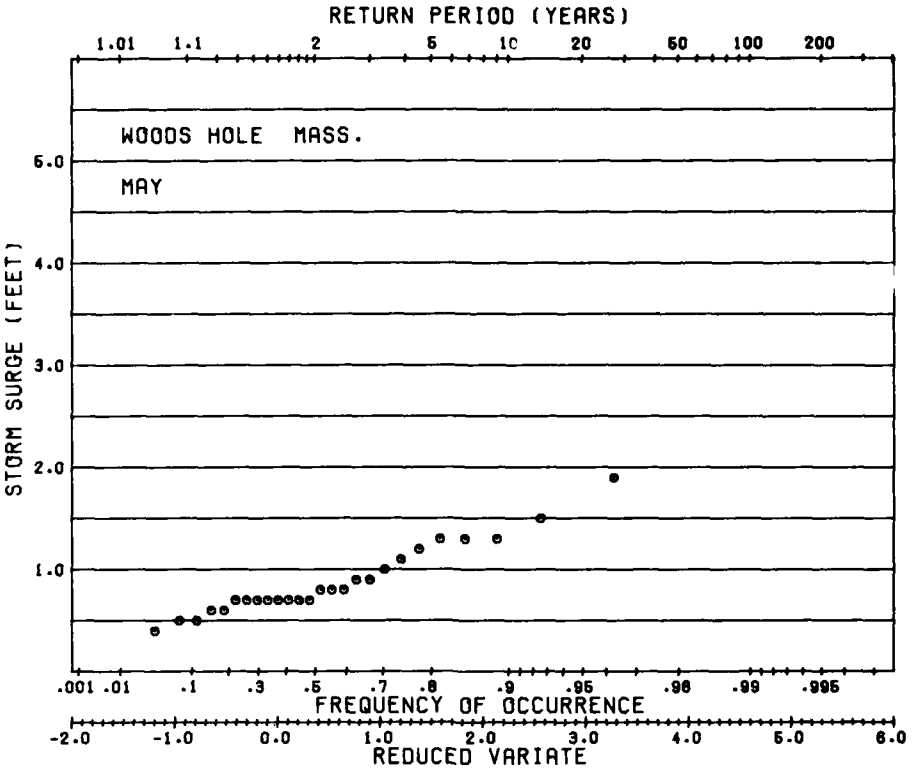
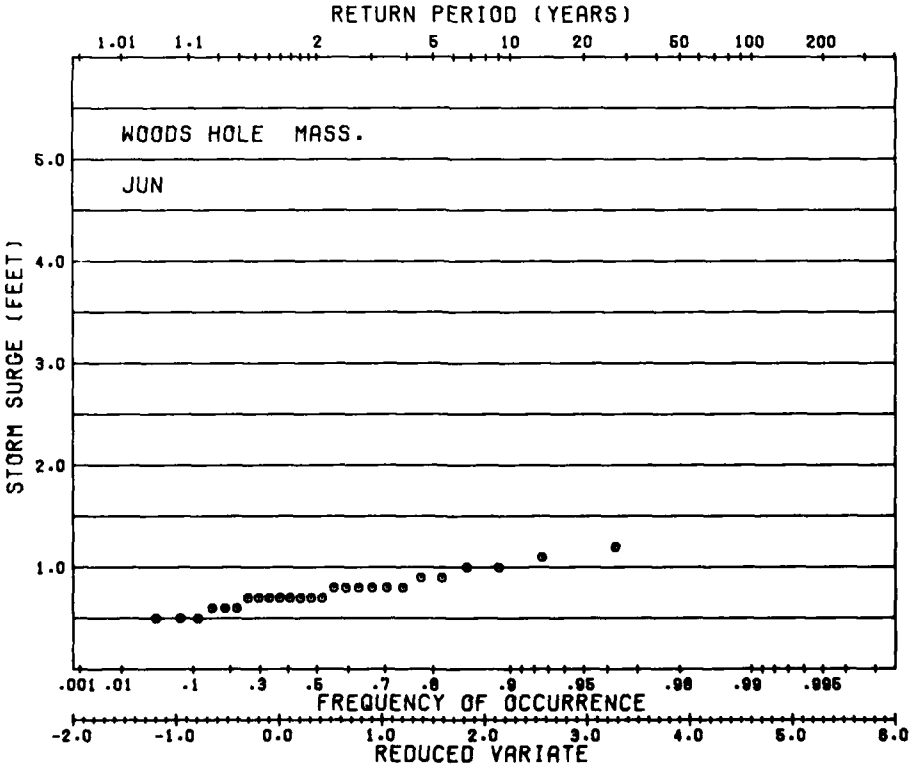
-1.0
0.0
1.0
2.0
3.0
4.0
5.0
6.0
REDUCED VARIATE

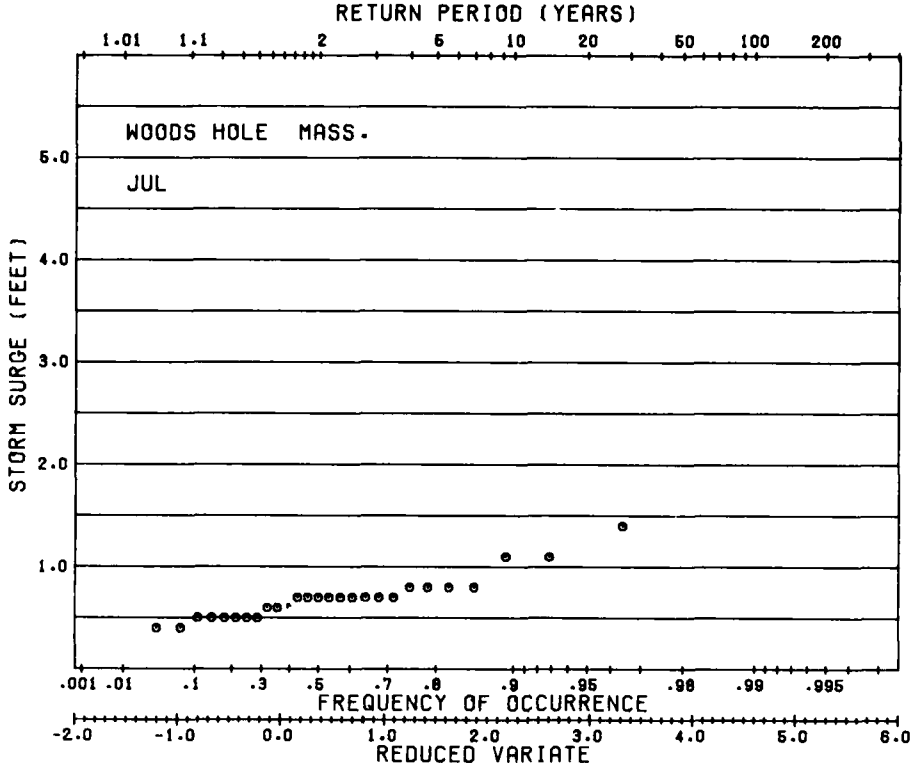

RETURN PERIOD (YEARS)
1.01
1.1
2
5
10
20
50
100
200
WOODS HOLE MASS.
APR
STORM SURGE (FEET)
6.0
4.0
3.0
2.0
1.0
.001
.01
.1
.3
.5
.7
.8
.9
.95
.98
.99
.995
FREQUENCY OF OCCURRENCE
-2.0
-1.0
0.0
1.0
2.0
3.0
4.0
5.0
6.0
REDUCED VARIATE

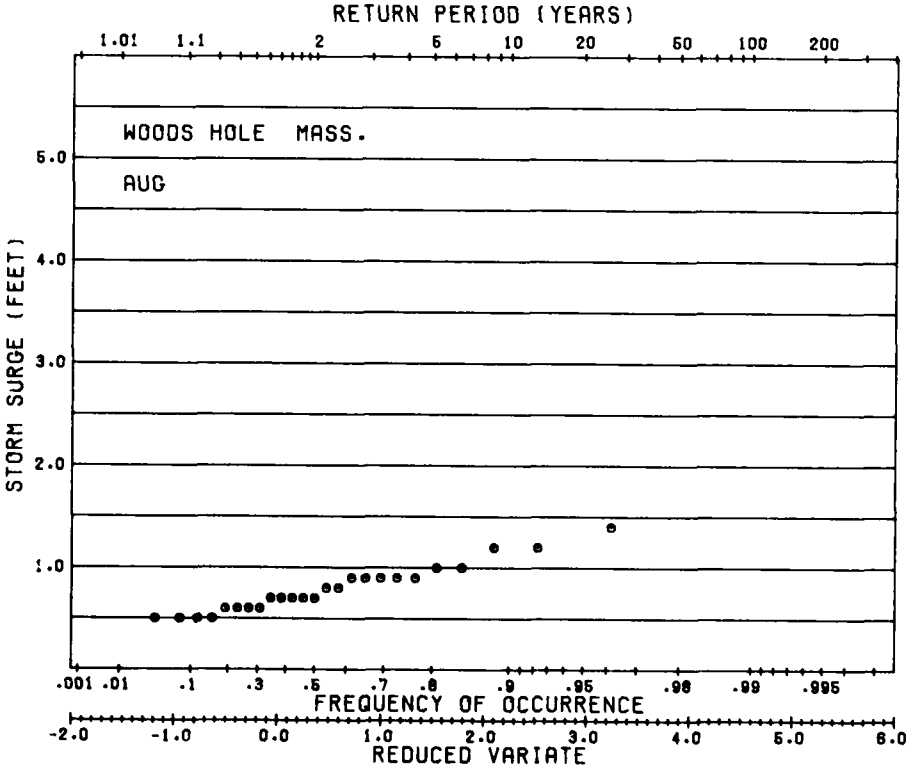
AD-A117 147 ARMY ENGINEER WATERWAYS EXPERIMENT STATION VICKSBURG--ETC F/G 8/3
ATLANTIC COAST WATER-LEVEL CLIMATE.(U)
APR 82 B A EBERSOLE
UNCLASSIFIED WIS-7 NL

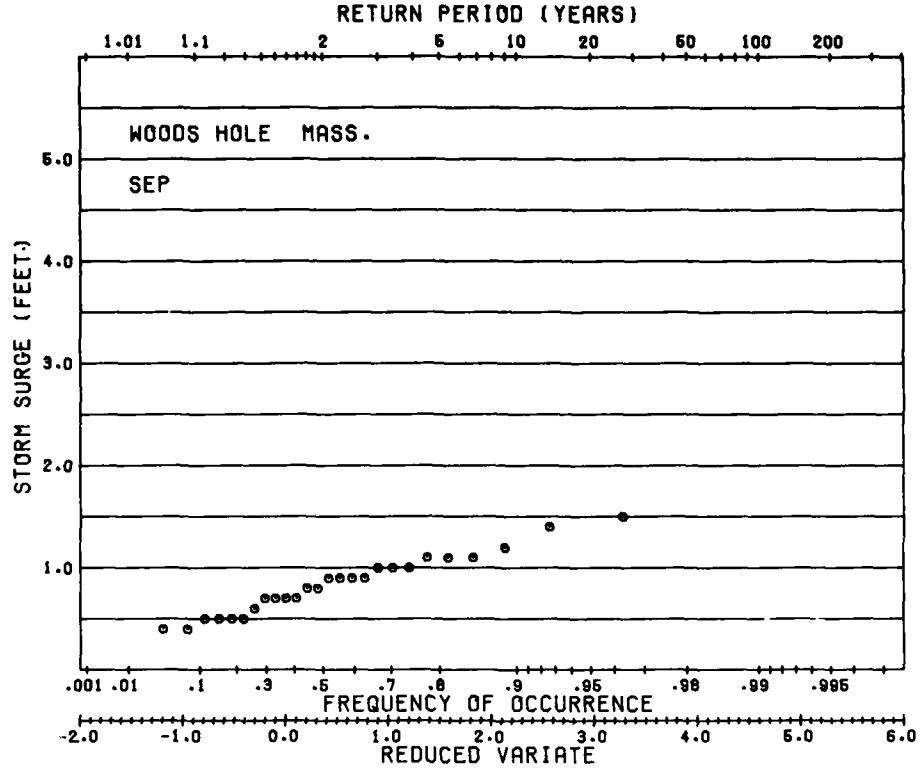


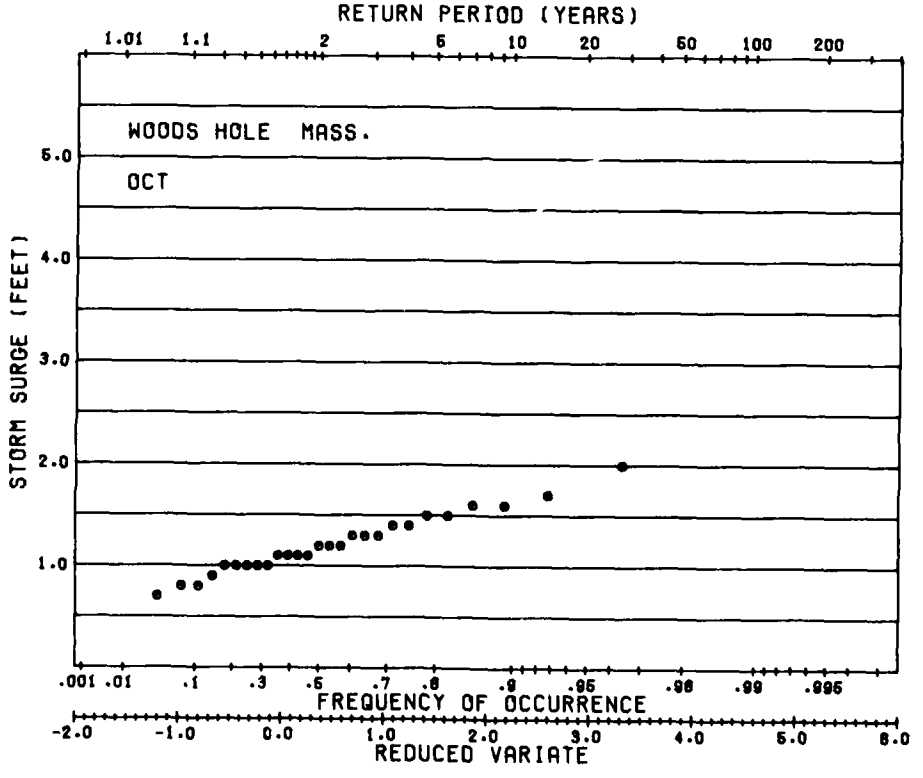

RETURN PERIOD (YEARS)
1.01
1.1
2
5
10
20
50
100
200
WOODS HOLE MASS.
MAY
STORM SURGE (FEET)
6.0
4.0
3.0
2.0
1.0
.001 .01 .1 .3 .5 .7 .8 .9 .95 .98 .99 .995
FREQUENCY OF OCCURRENCE
-2.0 -1.0 0.0 1.0 2.0 3.0 4.0 5.0 6.0
REDUCED VARIATE


RETURN PERIOD (YEARS)
1.01
1.1
2
5
10
20
50
100
200
WOODS HOLE MASS.
JUN
STORM SURGE (FEET)
6.0
4.0
3.0
2.0
1.0
.001 .01 .1 .3 .5 .7 .8 .9 .95 .98 .99 .995
FREQUENCY OF OCCURRENCE
-2.0 -1.0 0.0 1.0 2.0 3.0 4.0 5.0 6.0
REDUCED VARIATE


RETURN PERIOD (YEARS)
1.01 1.1 2 5 10 20 50 100 200
WOODS HOLE MASS.
JUL
STORM SURGE (FEET)
5.0
4.0
3.0
2.0
1.0
.001 .01 .1 .3 .5 .7 .8 .9 .95 .98 .99 .995
FREQUENCY OF OCCURRENCE
-2.0 -1.0 0.0 1.0 2.0 3.0 4.0 5.0 6.0
REDUCED VARIATE


RETURN PERIOD (YEARS)
1.01 1.1 2 5 10 20 50 100 200
WOODS HOLE MASS.
AUG
STORM SURGE (FEET)
5.0
4.0
3.0
2.0
1.0
.001 .01 .1 .3 .5 .7 .8 .9 .95 .98 .99 .995
FREQUENCY OF OCCURRENCE
-2.0 -1.0 0.0 1.0 2.0 3.0 4.0 5.0 6.0
REDUCED VARIATE


RETURN PERIOD (YEARS)
1.01
1.1
2
5
10
20
50
100
200
WOODS HOLE MASS.
SEP
STORM SURGE (FEET)
5.0
4.0
3.0
2.0
1.0
.001
.01
.1
.3
.5
.7
.8
.9
.95
.98
.99
.995
FREQUENCY OF OCCURRENCE
-2.0
-1.0
0.0
1.0
2.0
3.0
4.0
5.0
6.0
REDUCED VARIATE


RETURN PERIOD (YEARS)
1.01
1.1
2
5
10
20
50
100
200
WOODS HOLE MASS.
OCT
STORM SURGE (FEET)
5.0
4.0
3.0
2.0
1.0
.001
.01
.1
.3
.6
.7
.8
.9
.95
.98
.99
.995
FREQUENCY OF OCCURRENCE
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-1.0
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1.0
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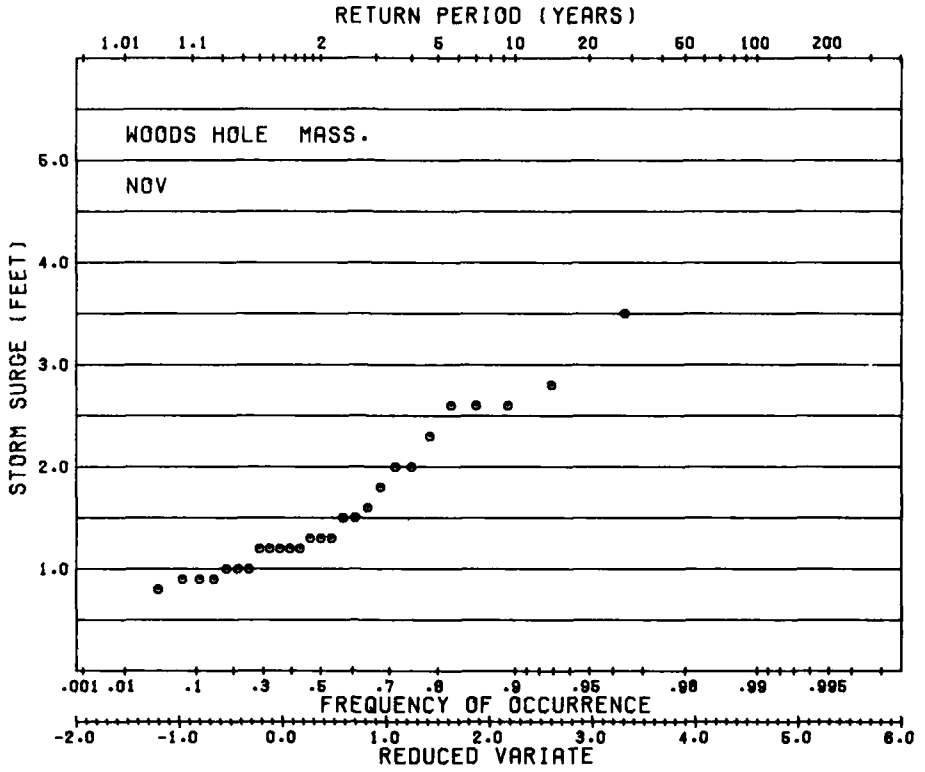
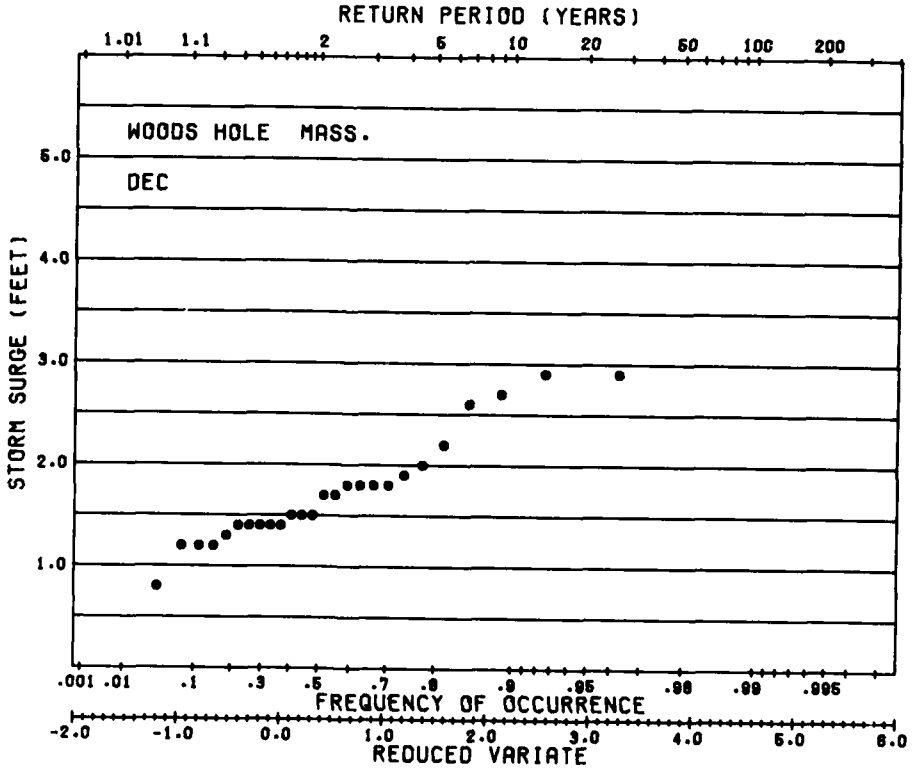
3.0
4.0
5.0
8.0
REDUCED VARIATE


RETURN PERIOD (YEARS)
1.01
1.1
2
5
10
20
50
100
200
WOODS HOLE MASS.
NOV
STORM SURGE (FEET)
6.0
4.0
3.0
2.0
1.0
.001
.01
.1
.3
.5
.7
.8
.9
.95
.98
.99
.995
FREQUENCY OF OCCURRENCE
-2.0
-1.0
0.0
1.0
2.0
3.0
4.0
5.0
6.0
REDUCED VARIATE


RETURN PERIOD (YEARS)
1.01
1.1
2
5
10
20
50
100
200
WOODS HOLE MASS.
DEC
STORM SURGE (FEET)
6.0
4.0
3.0
2.0
1.0
.001
.01
.1
.3
.5
.7
.8
.9
.95
.98
.99
.995
FREQUENCY OF OCCURRENCE
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-1.0
0.0
1.0
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3.0
4.0
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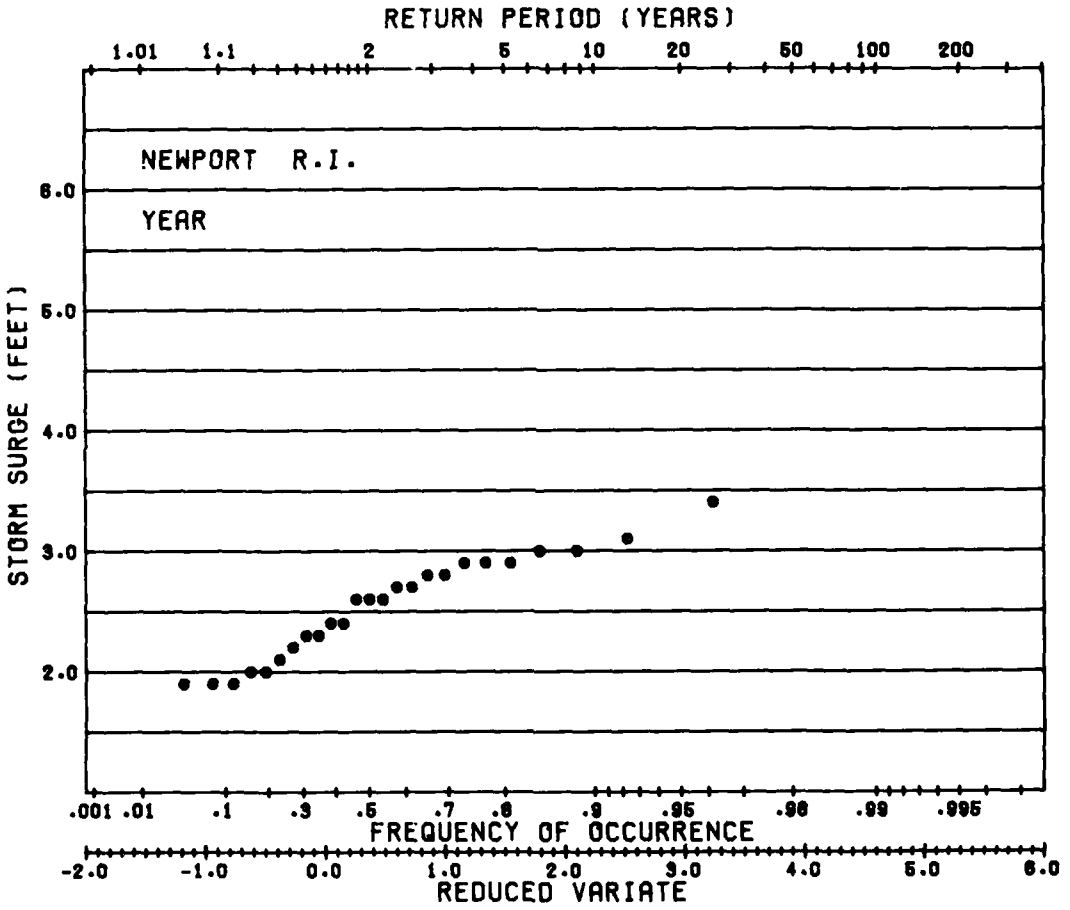
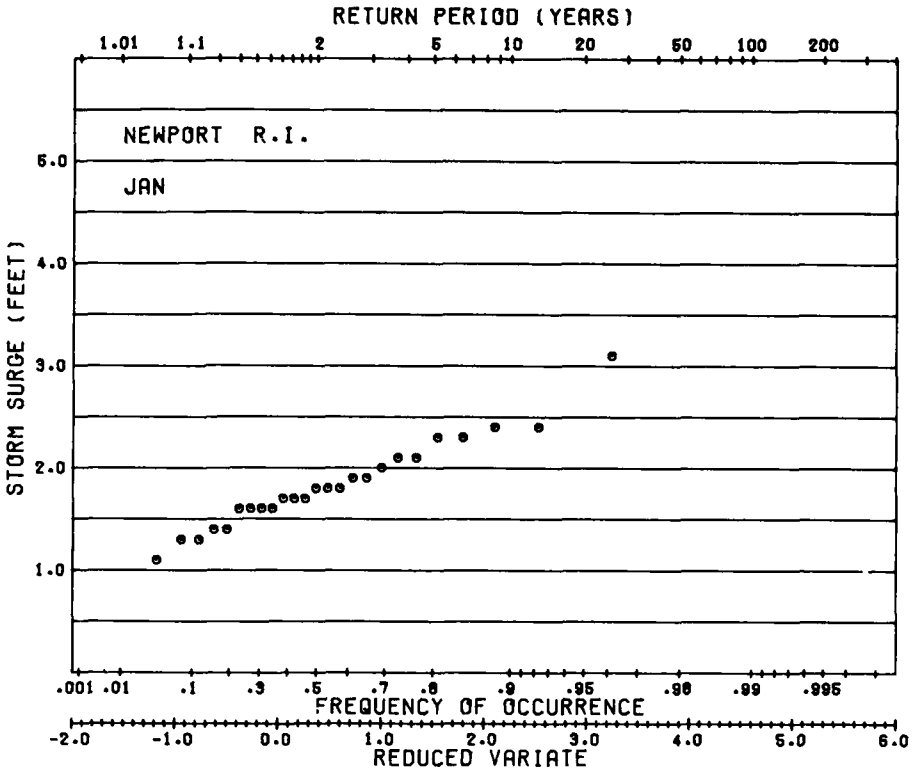
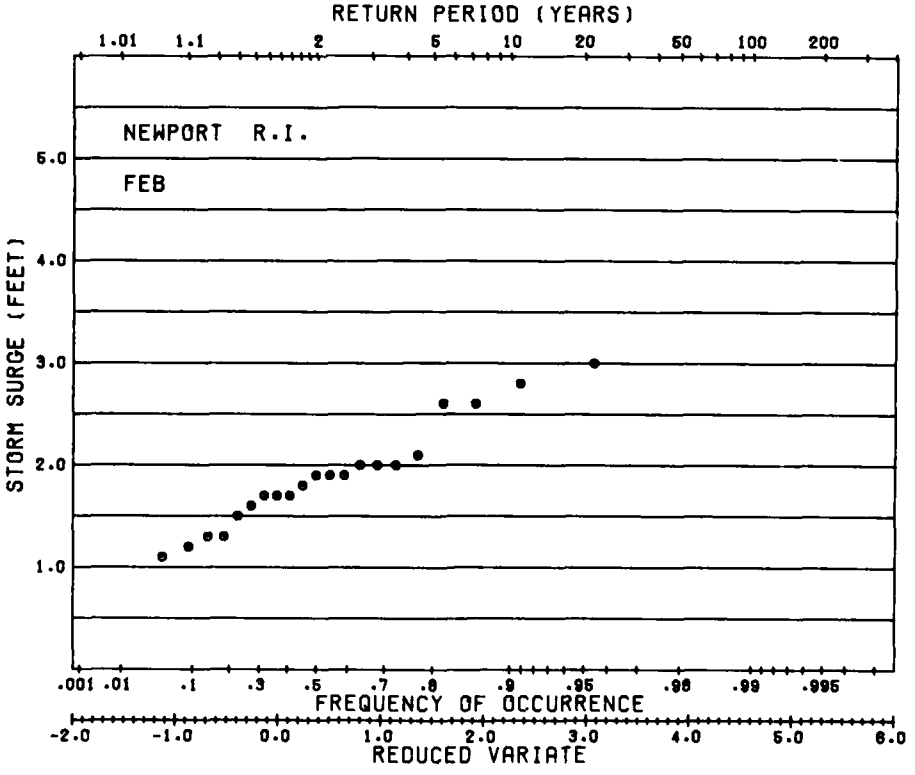
REDUCED VARIATE


RETURN PERIOD (YEARS)
1.01
1.1
2
5
10
20
50
100
200
NEWPORT R.I.
YEAR
STORM SURGE (FEET)
6.0
5.0
4.0
3.0
2.0
.001
.01
.1
.3
.5
.7
.8
.9
.95
.98
.99
.995
FREQUENCY OF OCCURRENCE
-2.0
-1.0
0.0
1.0
2.0
3.0
4.0
5.0
6.0
REDUCED VARIATE


RETURN PERIOD (YEARS)
1.01
1.1
2
5
10
20
50
100
200
NEWPORT R.I.
JAN
STORM SURGE (FEET)
1.0
2.0
3.0
4.0
5.0
.001 .01 .1 .3 .5 .7 .8 .9 .95 .98 .99 .995
FREQUENCY OF OCCURRENCE
-2.0 -1.0 0.0 1.0 2.0 3.0 4.0 5.0 6.0
REDUCED VARIATE


RETURN PERIOD (YEARS)
1.01
1.1
2
5
10
20
50
100
200
NEWPORT R.I.
FEB
STORM SURGE (FEET)
1.0
2.0
3.0
4.0
5.0
.001 .01 .1 .3 .5 .7 .8 .9 .95 .98 .99 .995
FREQUENCY OF OCCURRENCE
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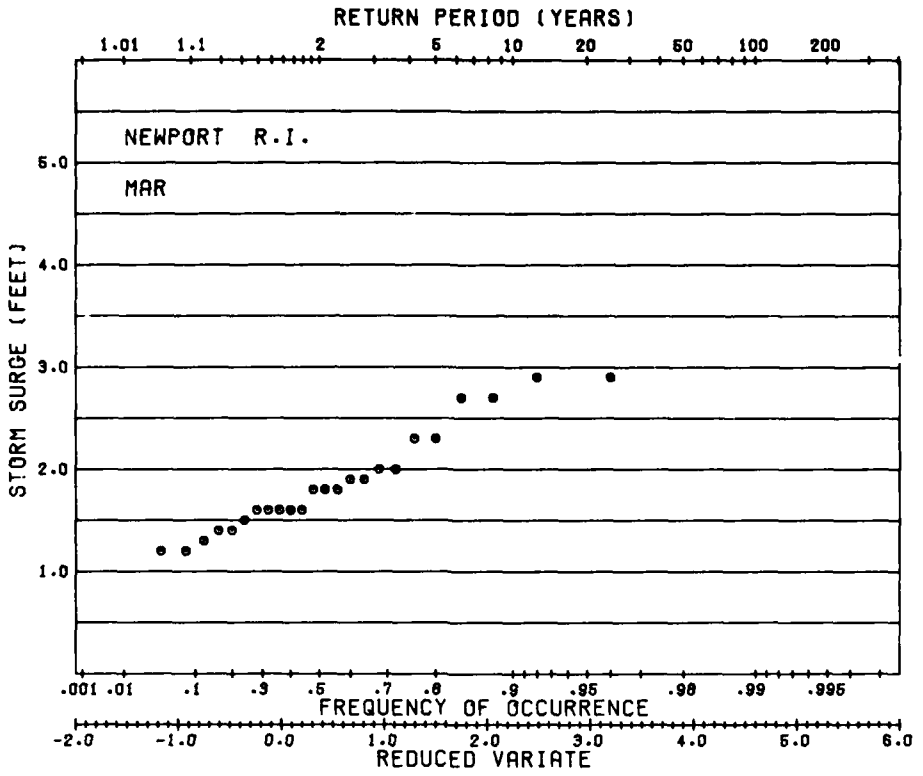
REDUCED VARIATE


RETURN PERIOD (YEARS)
1.01
1.1
2
5
10
20
50
100
200
NEWPORT R.I.
MAR
STORM SURGE (FEET)
5.0
4.0
3.0
2.0
1.0
.001
.01
.1
.3
.5
.7
.8
.9
.95
.98
.99
.995
FREQUENCY OF OCCURRENCE
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-1.0
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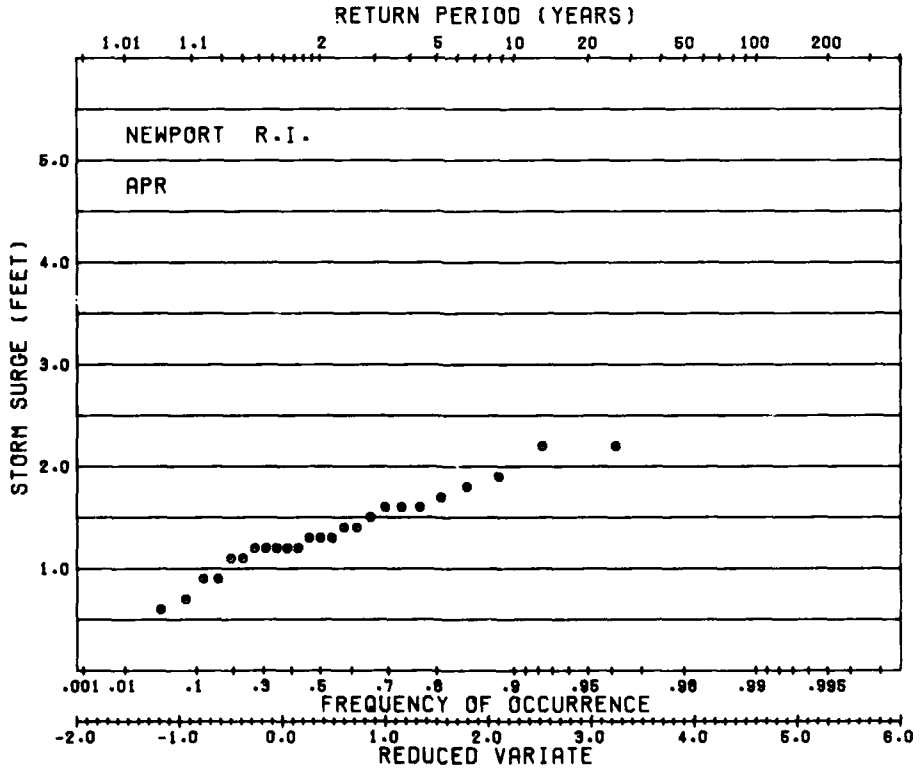
1.0
2.0
3.0
4.0
5.0
6.0
REDUCED VARIATE


RETURN PERIOD (YEARS)
1.01
1.1
2
5
10
20
50
100
200
NEWPORT R.I.
APR
STORM SURGE (FEET)
5.0
4.0
3.0
2.0
1.0
.001
.01
.1
.3
.5
.7
.8
.9
.95
.98
.99
.995
FREQUENCY OF OCCURRENCE
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-1.0
0.0
1.0
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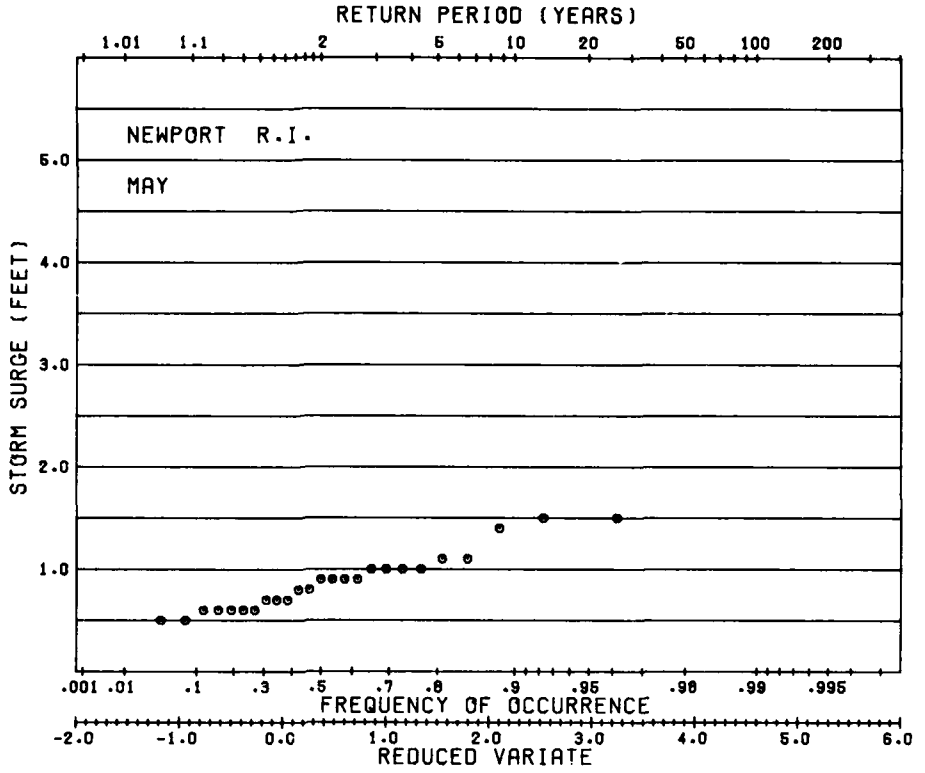
4.0
5.0
6.0
REDUCED VARIATE


RETURN PERIOD (YEARS)
1.01
1.1
2
5
10
20
50
100
200
NEWPORT R.I.
MAY
STORM SURGE (FEET)
5.0
4.0
3.0
2.0
1.0
.001
.01
.1
.3
.5
.7
.8
.9
.95
.98
.99
.995
FREQUENCY OF OCCURRENCE
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-1.0
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1.0
2.0
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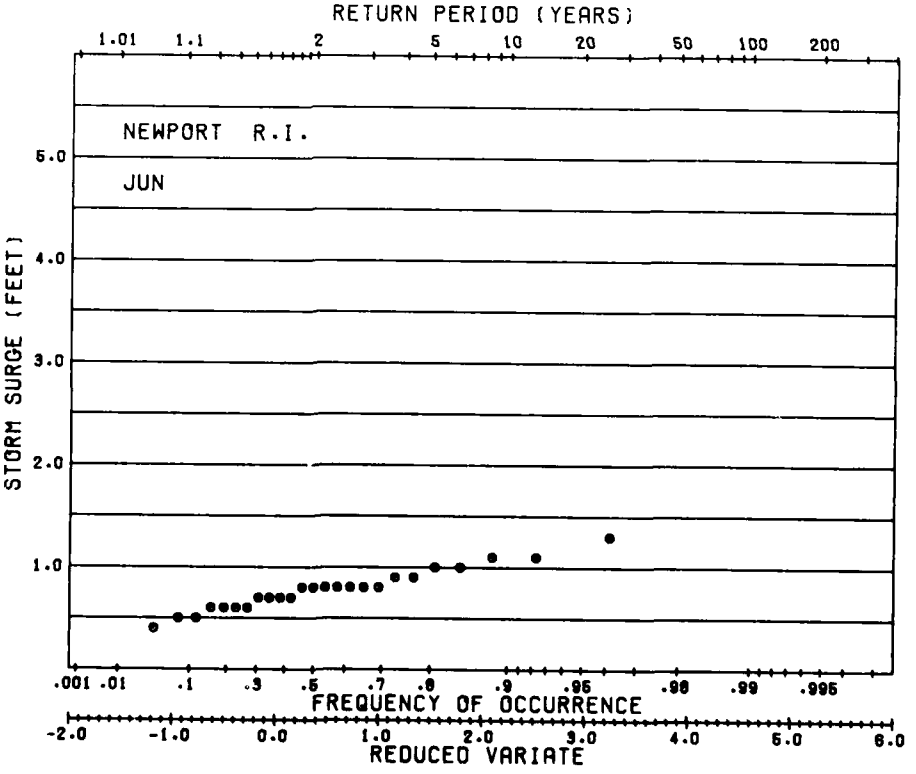
4.0
5.0
6.0
REDUCED VARIATE


RETURN PERIOD (YEARS)
1.01
1.1
2
5
10
20
50
100
200
NEWPORT R.I.
JUN
STORM SURGE (FEET)
5.0
4.0
3.0
2.0
1.0
.001
.01
.1
.3
.5
.7
.8
.9
.95
.98
.99
.995
FREQUENCY OF OCCURRENCE
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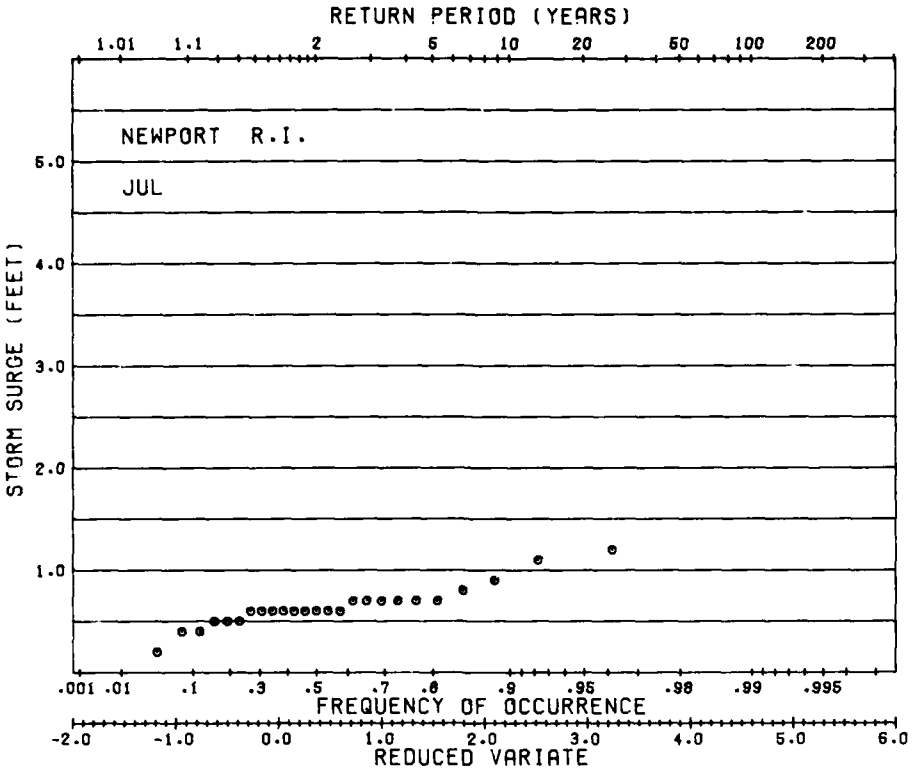
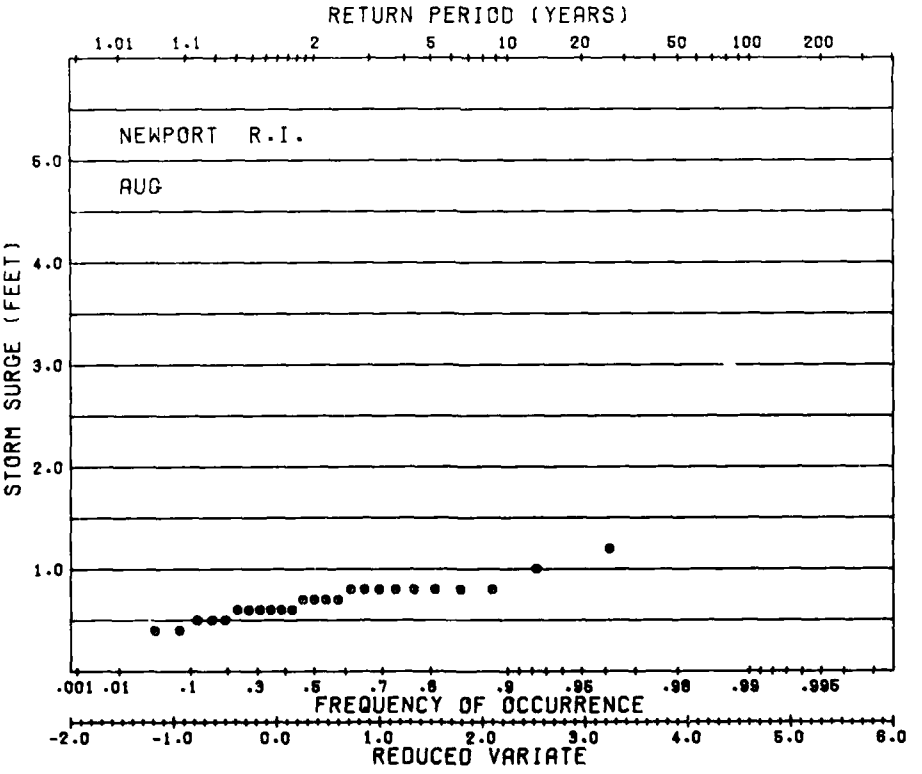
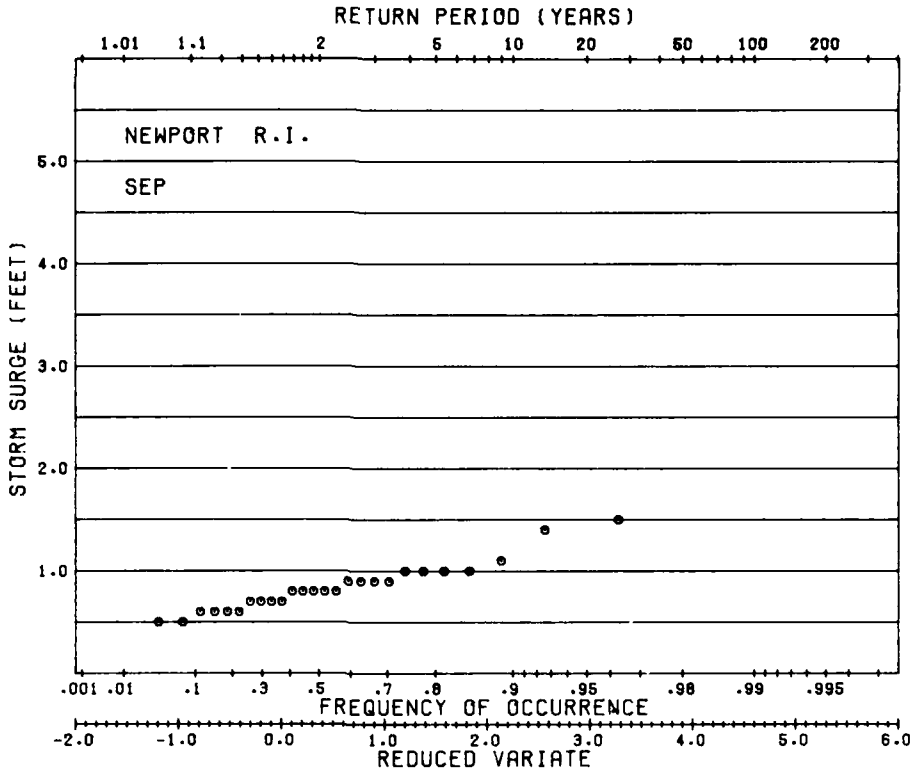
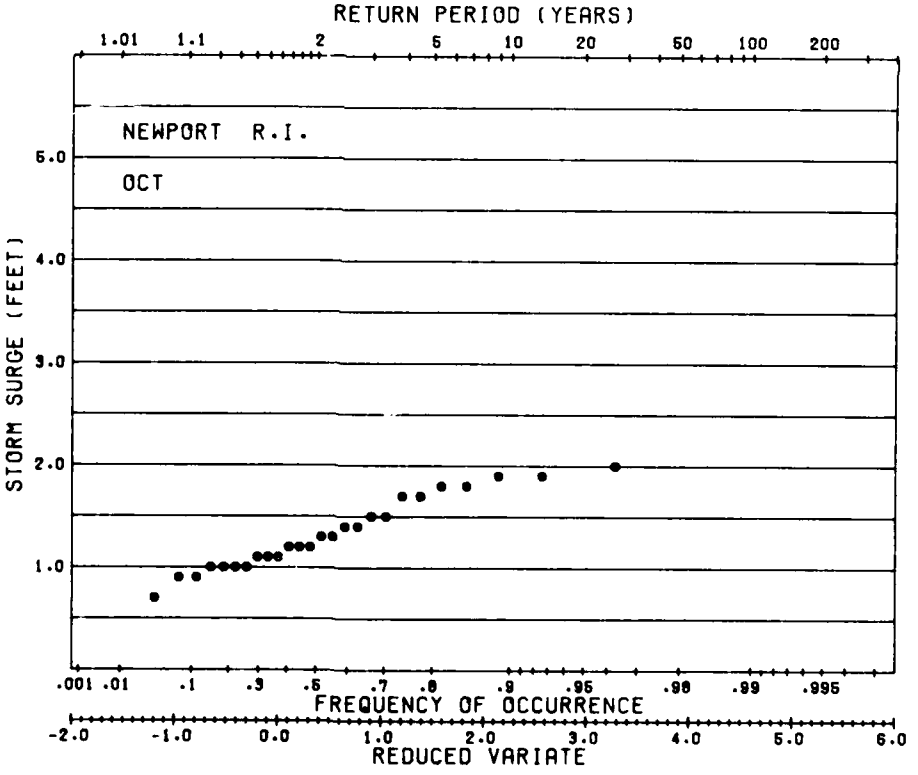
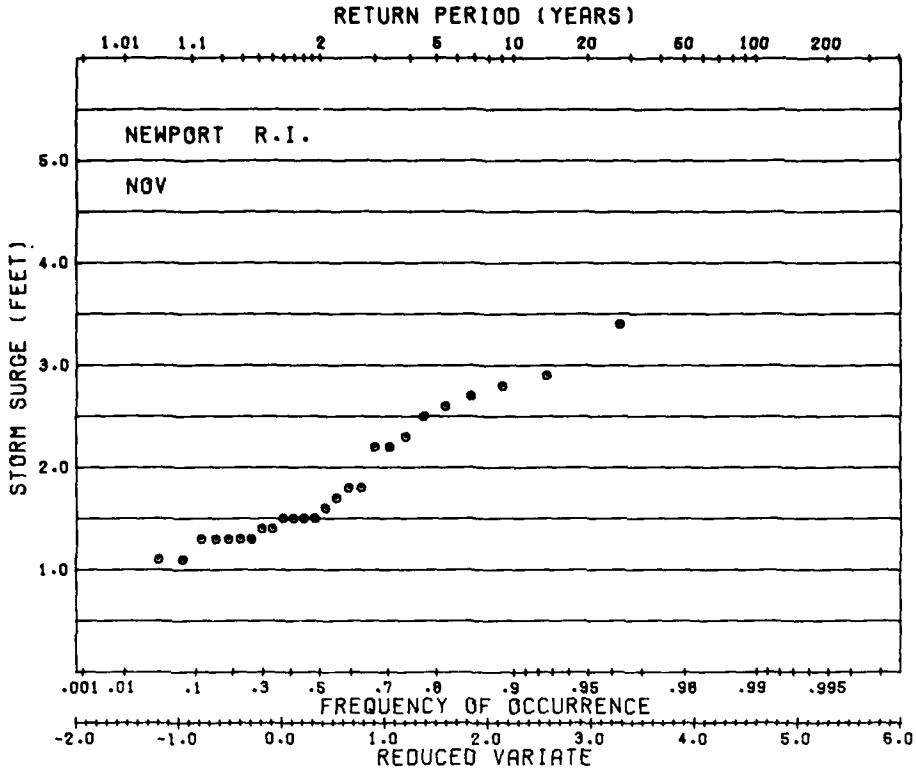
-1.0
0.0
1.0
2.0
3.0
4.0
5.0
6.0
REDUCED VARIATE

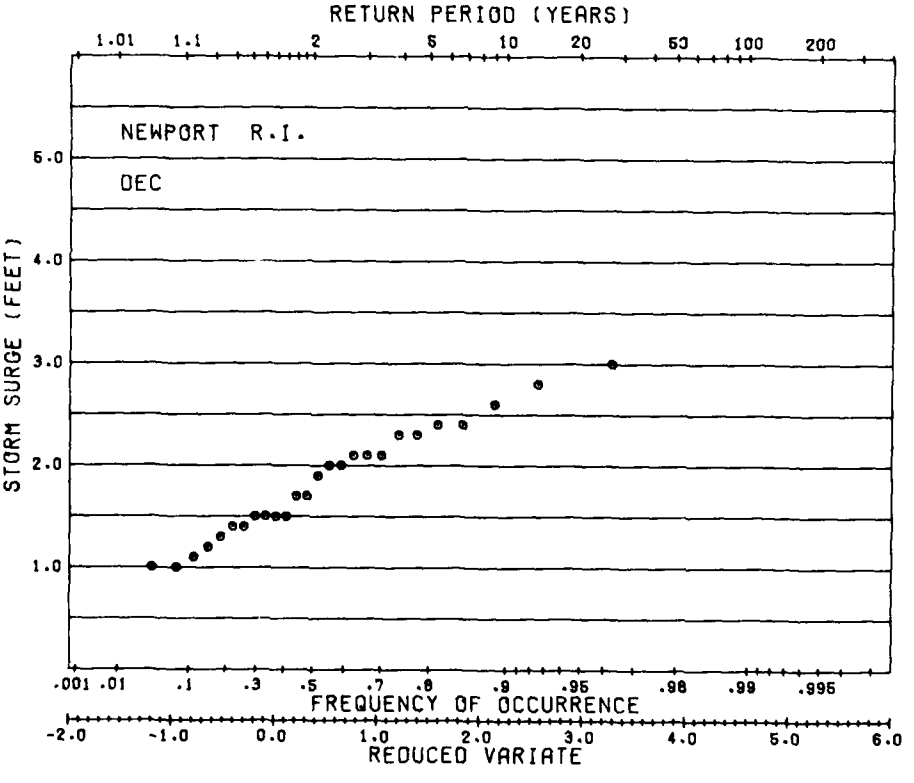

RETURN PERIOD (YEARS)
1.01
1.1
2
5
10
20
50
100
200
NEWPORT R.I.
JUL
STORM SURGE (FEET)
5.0
4.0
3.0
2.0
1.0
.001 .01 .1 .3 .5 .7 .8 .9 .95 .98 .99 .995
FREQUENCY OF OCCURRENCE
-2.0 -1.0 0.0 1.0 2.0 3.0 4.0 5.0 6.0
REDUCED VARIATE

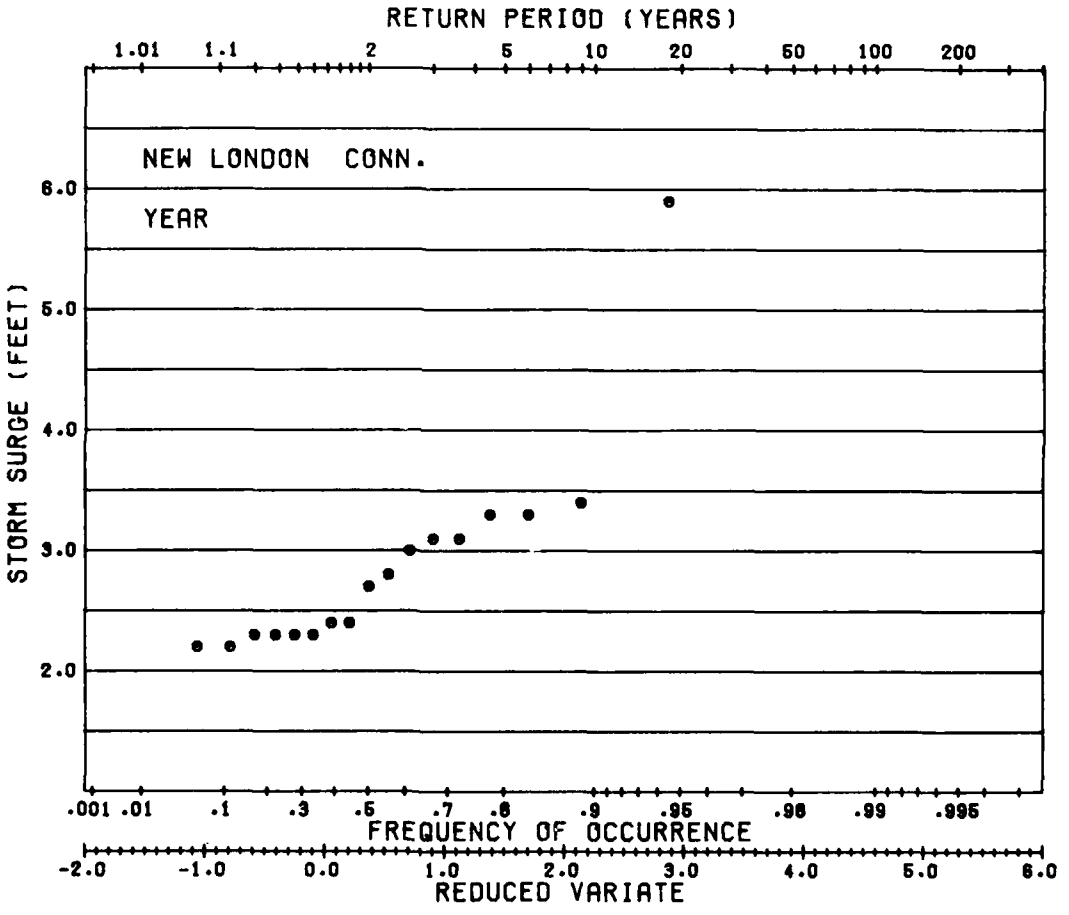

RETURN PERIOD (YEARS)
1.01
1.1
2
5
10
20
50
100
200
NEWPORT R.I.
AUG
STORM SURGE (FEET)
6.0
4.0
3.0
2.0
1.0
.001 .01 .1 .3 .5 .7 .8 .9 .95 .98 .99 .995
FREQUENCY OF OCCURRENCE
-2.0 -1.0 0.0 1.0 2.0 3.0 4.0 5.0 6.0
REDUCED VARIATE


RETURN PERIOD (YEARS)
1.01
1.1
2
5
10
20
50
100
200
NEWPORT R.I.
SEP
STORM SURGE (FEET)
5.0
4.0
3.0
2.0
1.0
.001 .01 .1 .3 .5 .7 .8 .9 .95 .98 .99 .995
FREQUENCY OF OCCURRENCE
-2.0 -1.0 0.0 1.0 2.0 3.0 4.0 5.0 6.0
REDUCED VARIATE


RETURN PERIOD (YEARS)
1.01
1.1
2
5
10
20
50
100
200
NEWPORT R.I.
OCT
STORM SURGE (FEET)
5.0
4.0
3.0
2.0
1.0
.001 .01 .1 .3 .5 .7 .8 .9 .95 .98 .99 .995
FREQUENCY OF OCCURRENCE
-2.0 -1.0 0.0 1.0 2.0 3.0 4.0 5.0 6.0
REDUCED VARIATE


RETURN PERIOD (YEARS)
1.01
1.1
2
5
10
20
50
100
200
NEWPORT R.I.
NOV
STORM SURGE (FEET)
5.0
4.0
3.0
2.0
1.0
.001
.01
.1
.3
.5
.7
.8
.9
.95
.98
.99
.995
FREQUENCY OF OCCURRENCE
-2.0
-1.0
0.0
1.0
2.0
3.0
4.0
5.0
6.0
REDUCED VARIATE


RETURN PERIOD (YEARS)
1.01
1.1
2
5
10
20
50
100
200
NEWPORT R.I.
DEC
STORM SURGE (FEET)
5.0
4.0
3.0
2.0
1.0
.001
.01
.1
.3
.5
.7
.8
.9
.95
.98
.99
.995
FREQUENCY OF OCCURRENCE
-2.0
-1.0
0.0
1.0
2.0
3.0
4.0
5.0
6.0
REDUCED VARIATE


RETURN PERIOD (YEARS)
1.01
1.1
2
5
10
20
50
100
200
NEW LONDON CONN.
YEAR
STORM SURGE (FEET)
6.0
5.0
4.0
3.0
2.0
.001
.01
.1
.3
.5
.7
.8
.9
.95
.98
.99
.995
FREQUENCY OF OCCURRENCE
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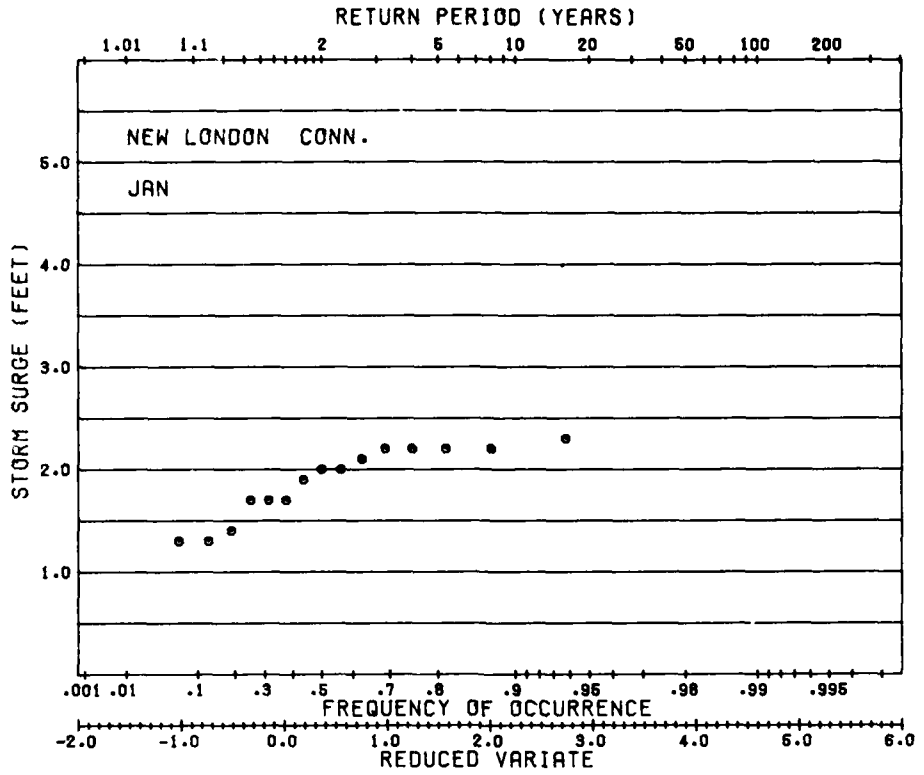
-1.0
0.0
1.0
2.0
3.0
4.0
5.0
6.0
REDUCED VARIATE


RETURN PERIOD (YEARS)
1.01
1.1
2
5
10
20
50
100
200
NEW LONDON CONN.
JAN
STORM SURGE (FEET)
5.0
4.0
3.0
2.0
1.0
.001
.01
.1
.3
.5
.7
.8
.9
.95
.98
.99
.995
FREQUENCY OF OCCURRENCE
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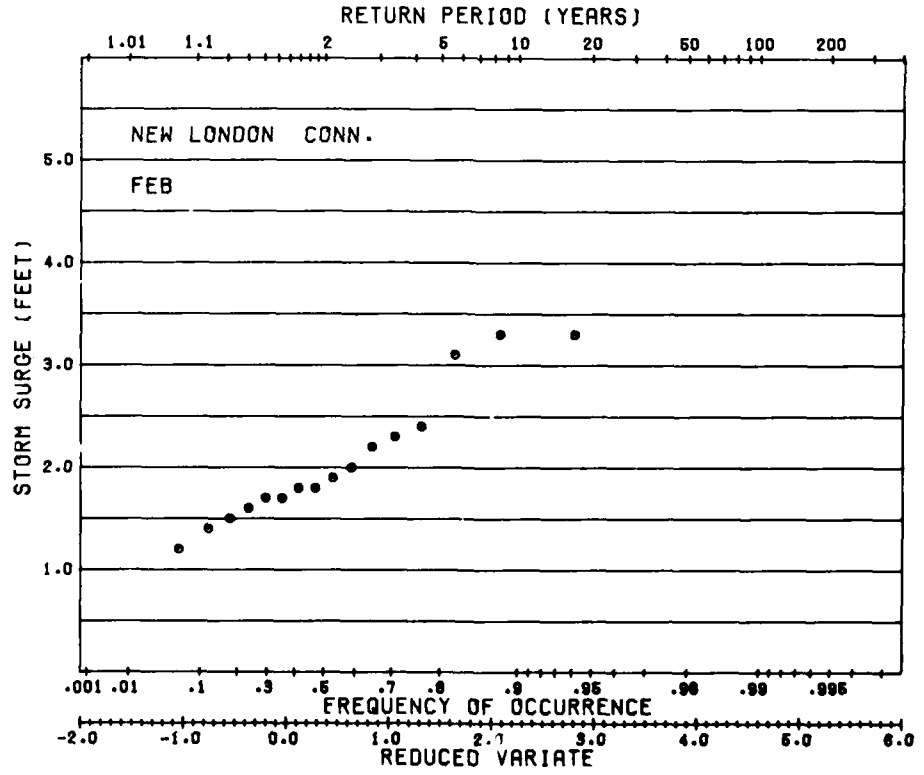
-1.0
0.0
1.0
2.0
3.0
4.0
5.0
6.0
REDUCED VARIATE


RETURN PERIOD (YEARS)
1.01
1.1
2
5
10
20
50
100
200
NEW LONDON CONN.
FEB
STORM SURGE (FEET)
5.0
4.0
3.0
2.0
1.0
.001
.01
.1
.3
.5
.7
.8
.9
.95
.98
.99
.995
FREQUENCY OF OCCURRENCE
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1.0
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3.0
4.0
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6.0
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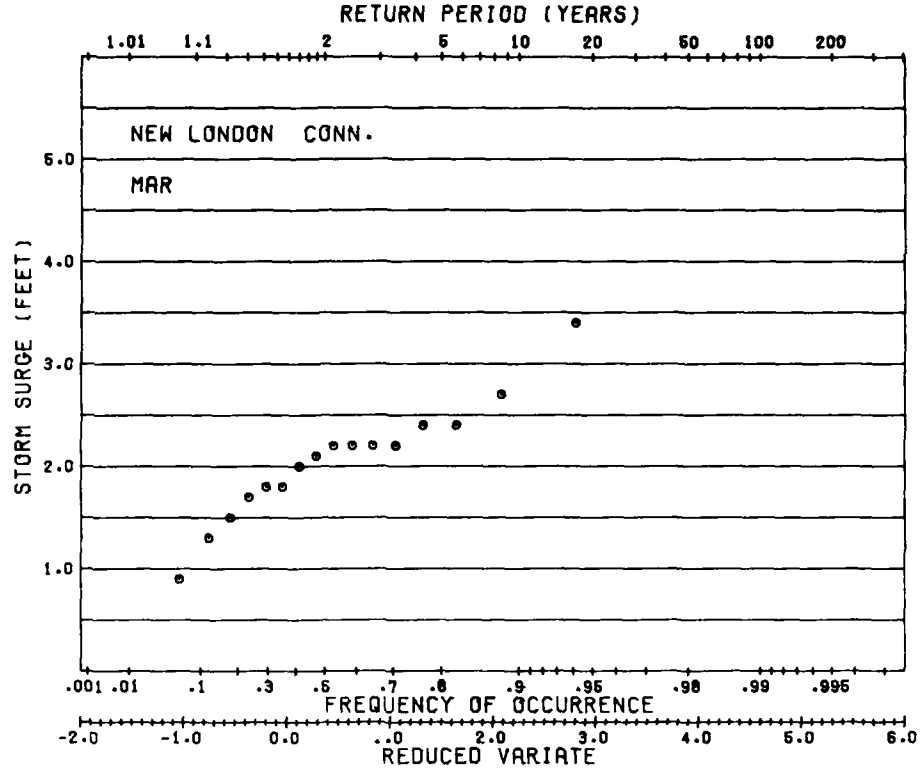
RETURN PERIOD (YEARS)
1.01
1.1
2
5
10
20
50
100
200
NEW LONDON CONN.
MAR
STORM SURGE (FEET)
5.0
4.0
3.0
2.0
1.0
.001
.01
.1
.3
.5
.7
.8
.9
.95
.98
.99
.995
FREQUENCY OF OCCURRENCE
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3.0
4.0
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6.0
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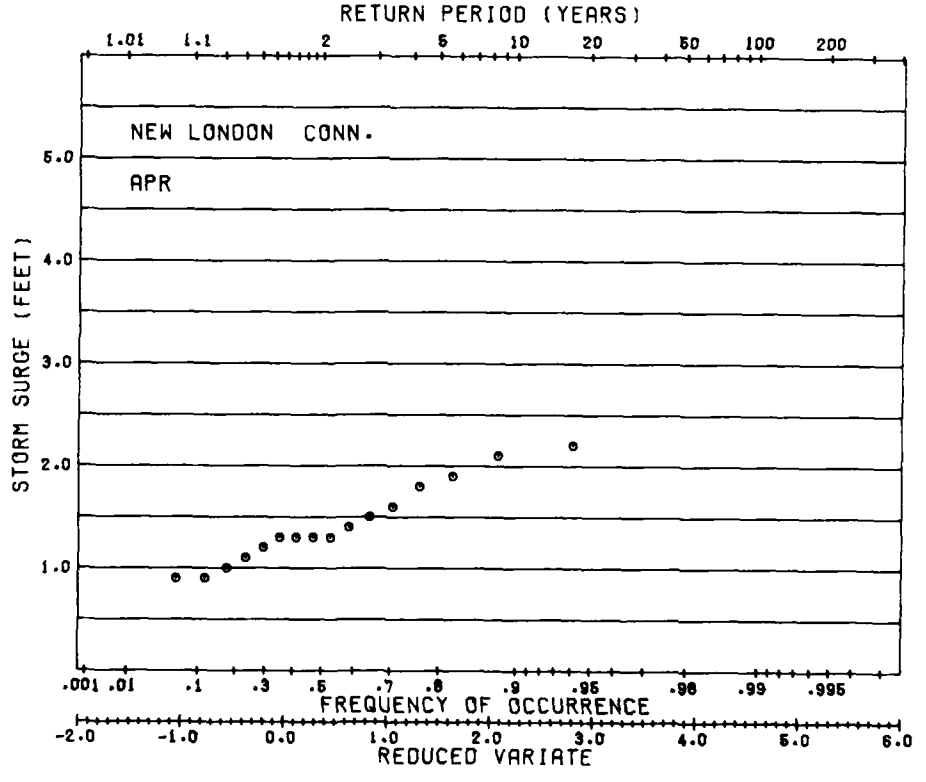
RETURN PERIOD (YEARS)
1.01
1.1
2
5
10
20
50
100
200
NEW LONDON CONN.
APR
STORM SURGE (FEET)
5.0
4.0
3.0
2.0
1.0
.001
.01
.1
.3
.5
.7
.8
.9
.95
.98
.99
.995
FREQUENCY OF OCCURRENCE
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-1.0
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1.0
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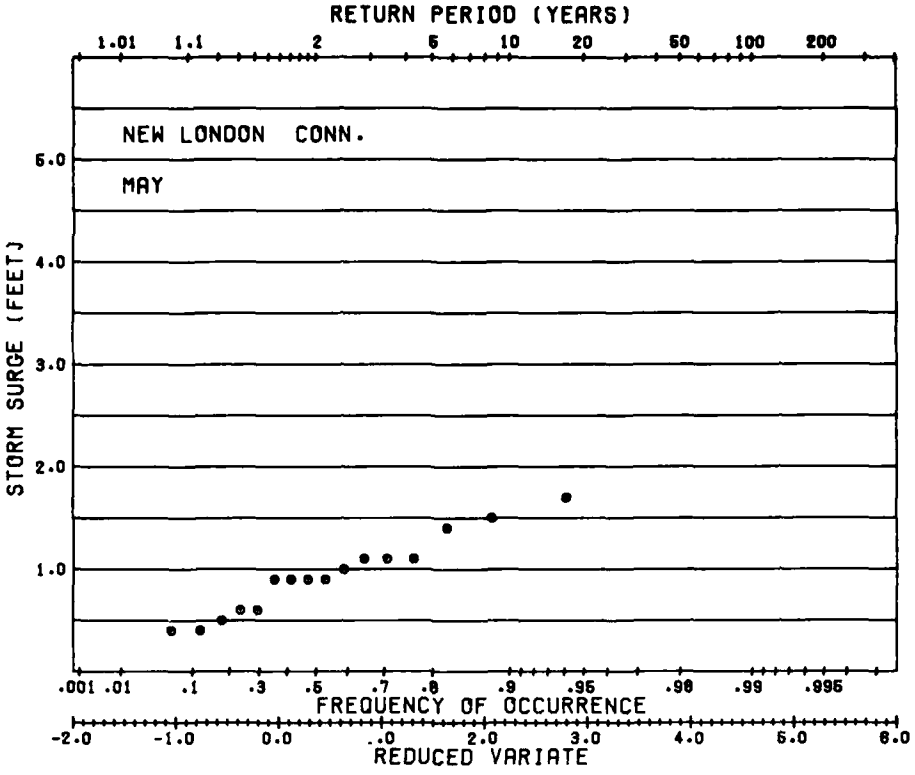
3.0
4.0
5.0
6.0
REDUCED VARIATE


RETURN PERIOD (YEARS)
1.01
1.1
2
5
10
20
50
100
200
NEW LONDON CONN.
MAY
STORM SURGE (FEET)
5.0
4.0
3.0
2.0
1.0
.001
.01
.1
.3
.5
.7
.8
.9
.95
.98
.99
.995
FREQUENCY OF OCCURRENCE
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-1.0
0.0
1.0
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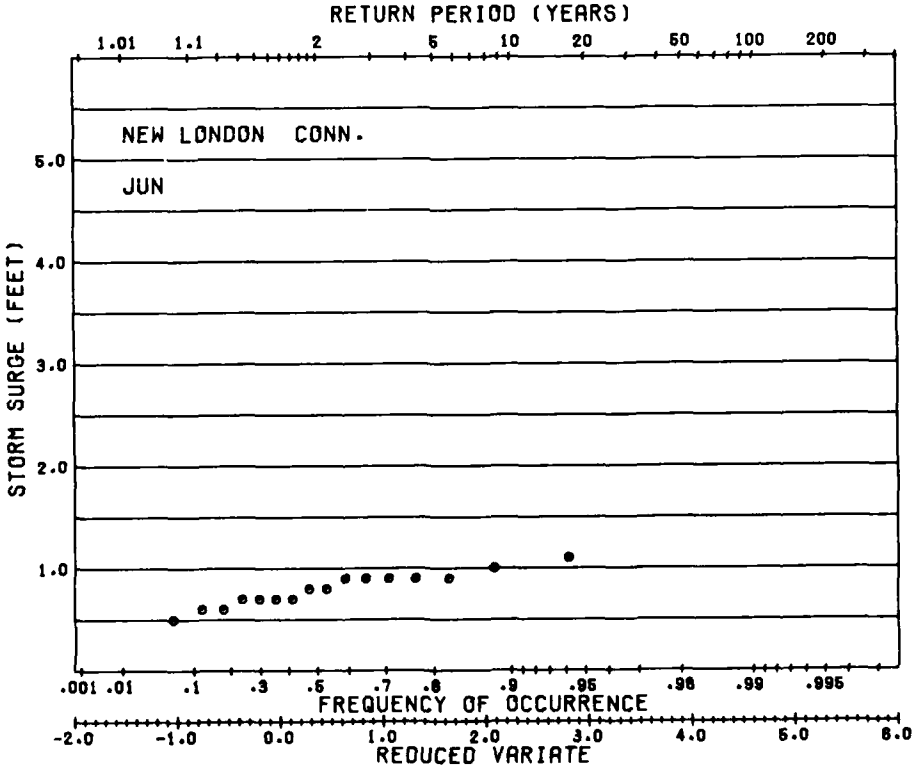
4.0
5.0
6.0
REDUCED VARIATE


RETURN PERIOD (YEARS)
1.01
1.1
2
5
10
20
50
100
200
NEW LONDON CONN.
JUN
STORM SURGE (FEET)
5.0
4.0
3.0
2.0
1.0
.001
.01
.1
.3
.5
.7
.8
.9
.95
.98
.99
.995
FREQUENCY OF OCCURRENCE
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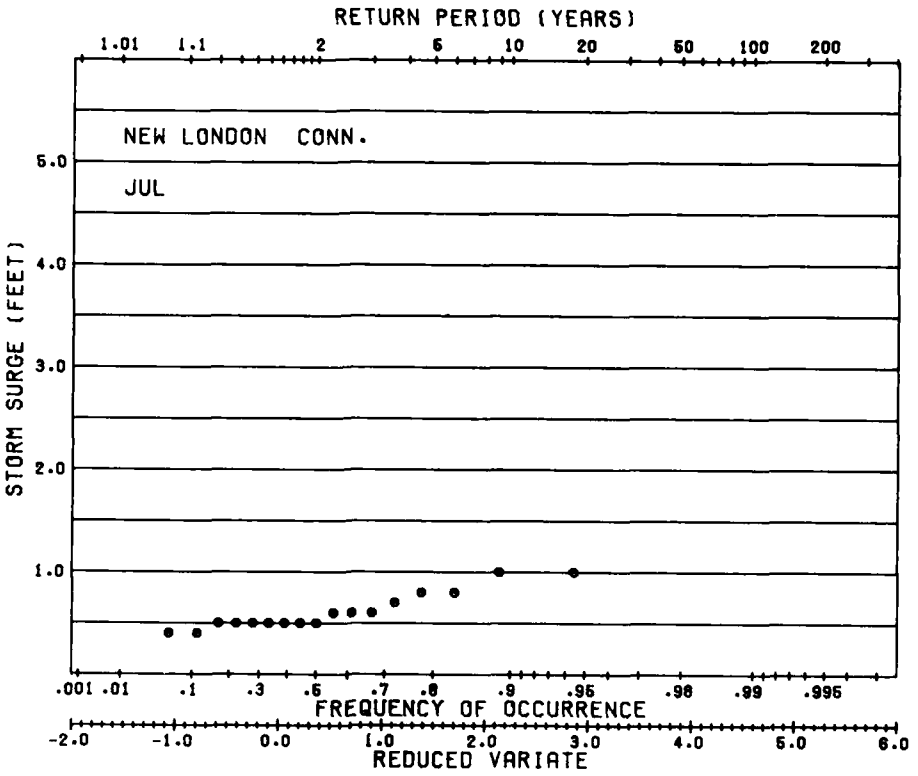
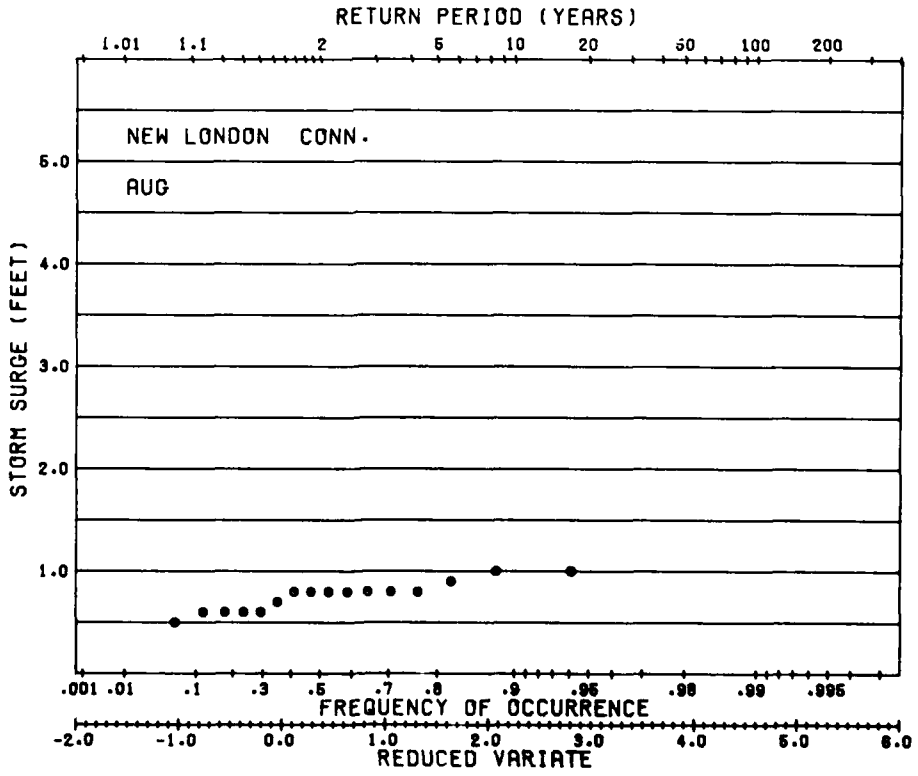
-1.0
0.0
1.0
2.0
3.0
4.0
5.0
6.0
REDUCED VARIATE


RETURN PERIOD (YEARS)
1.01
1.1
2
5
10
20
50
100
200
NEW LONDON CONN.
JUL
STORM SURGE (FEET)
5.0
4.0
3.0
2.0
1.0
.001 .01 .1 .3 .5 .7 .8 .9 .95 .98 .99 .995
FREQUENCY OF OCCURRENCE
-2.0 -1.0 0.0 1.0 2.0 3.0 4.0 5.0 6.0
REDUCED VARIATE


RETURN PERIOD (YEARS)
1.01
1.1
2
5
10
20
50
100
200
NEW LONDON CONN.
AUG
STORM SURGE (FEET)
5.0
4.0
3.0
2.0
1.0
.001 .01 .1 .3 .5 .7 .8 .9 .95 .98 .99 .995
FREQUENCY OF OCCURRENCE
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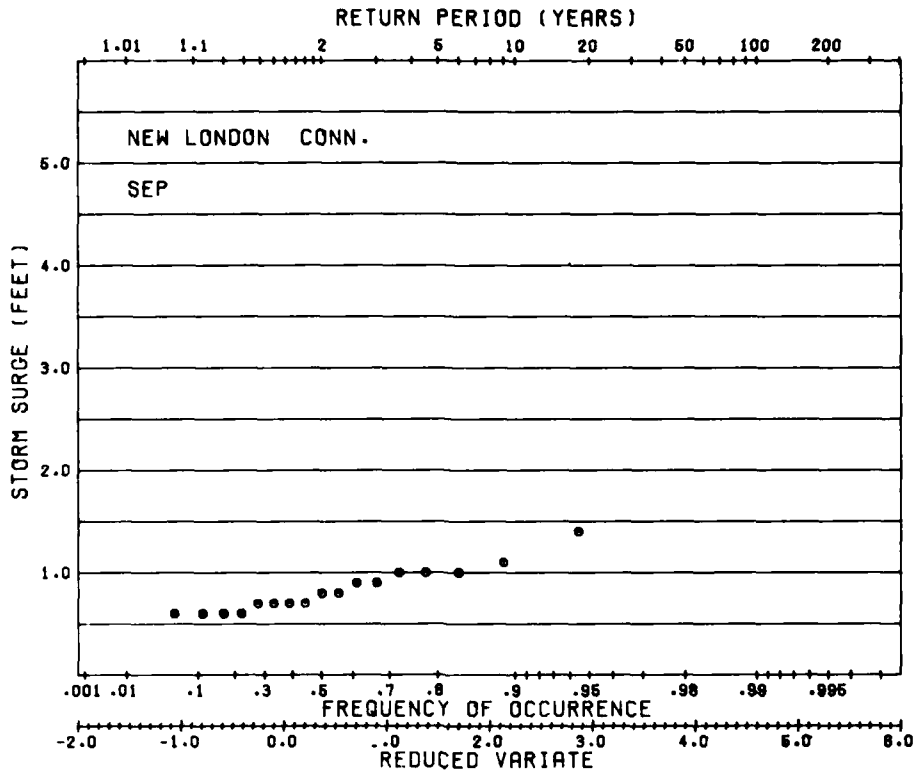
REDUCED VARIATE


RETURN PERIOD (YEARS)
1.01
1.1
2
5
10
20
50
100
200
NEW LONDON CONN.
SEP
STORM SURGE (FEET)
5.0
4.0
3.0
2.0
1.0
.001
.01
.1
.3
.5
.7
.8
.9
.95
.98
.99
.995
FREQUENCY OF OCCURRENCE
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-1.0
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1.0
2.0
3.0
4.0
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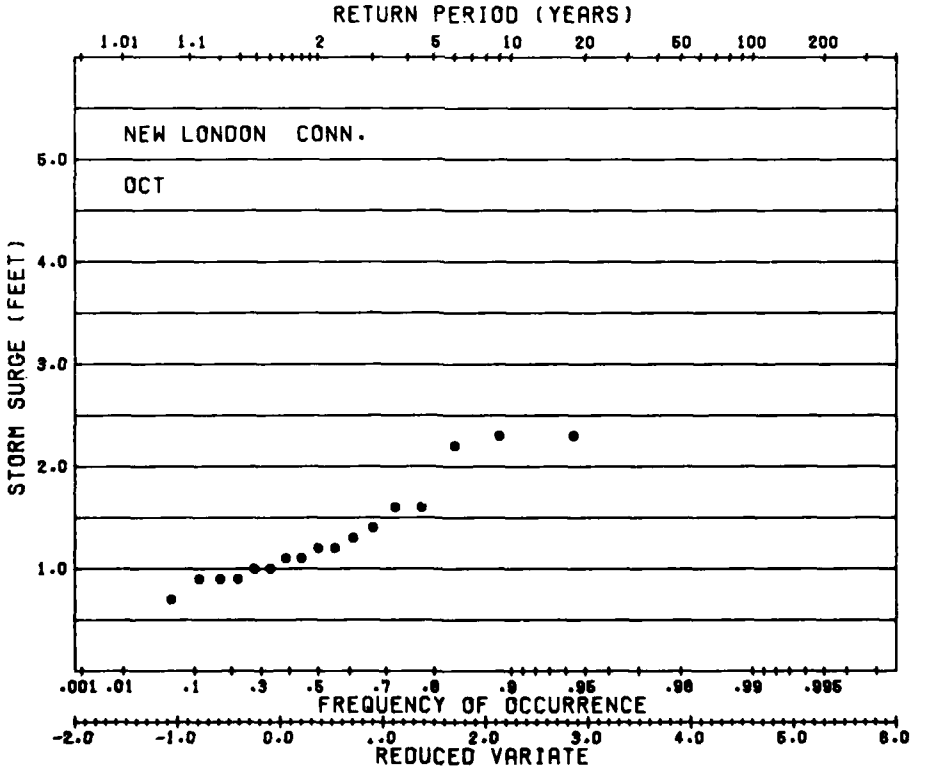
6.0
REDUCED VARIATE


RETURN PERIOD (YEARS)
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1.1
2
5
10
20
50
100
200
NEW LONDON CONN.
OCT
STORM SURGE (FEET)
5.0
4.0
3.0
2.0
1.0
.001
.01
.1
.3
.5
.7
.8
.9
.95
.98
.99
.995
FREQUENCY OF OCCURRENCE
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-1.0
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1.0
2.0
3.0
4.0
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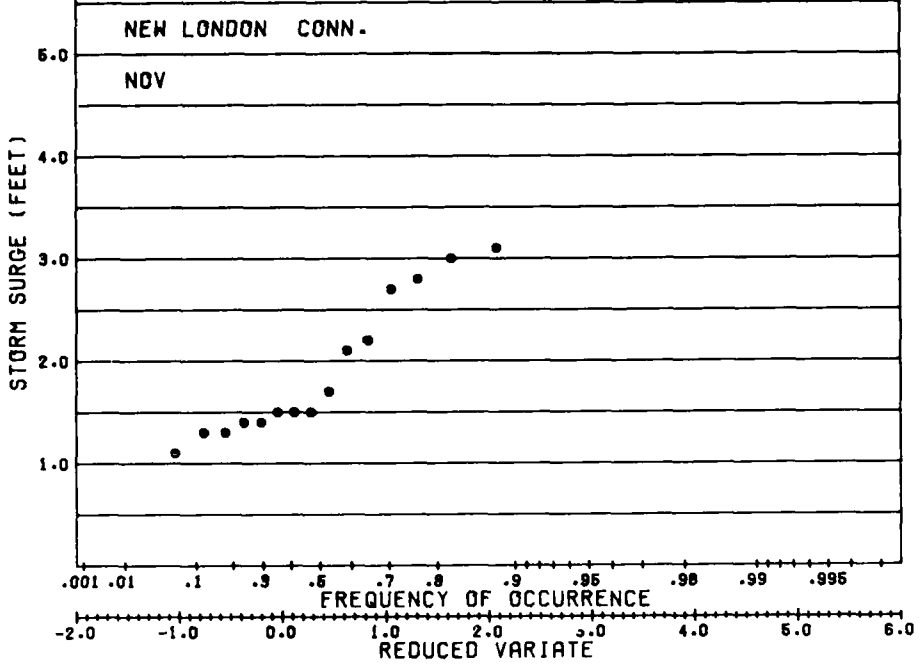
6.0
REDUCED VARIATE


RETURN PERIOD (YEARS)
1.01
1.1
2
5
10
20
50
100
200
NEW LONDON CONN.
NOV
STORM SURGE (FEET)
5.0
4.0
3.0
2.0
1.0
.001
.01
.1
.9
.5
.7
.8
.9
.95
.98
.99
.995
FREQUENCY OF OCCURRENCE
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-1.0
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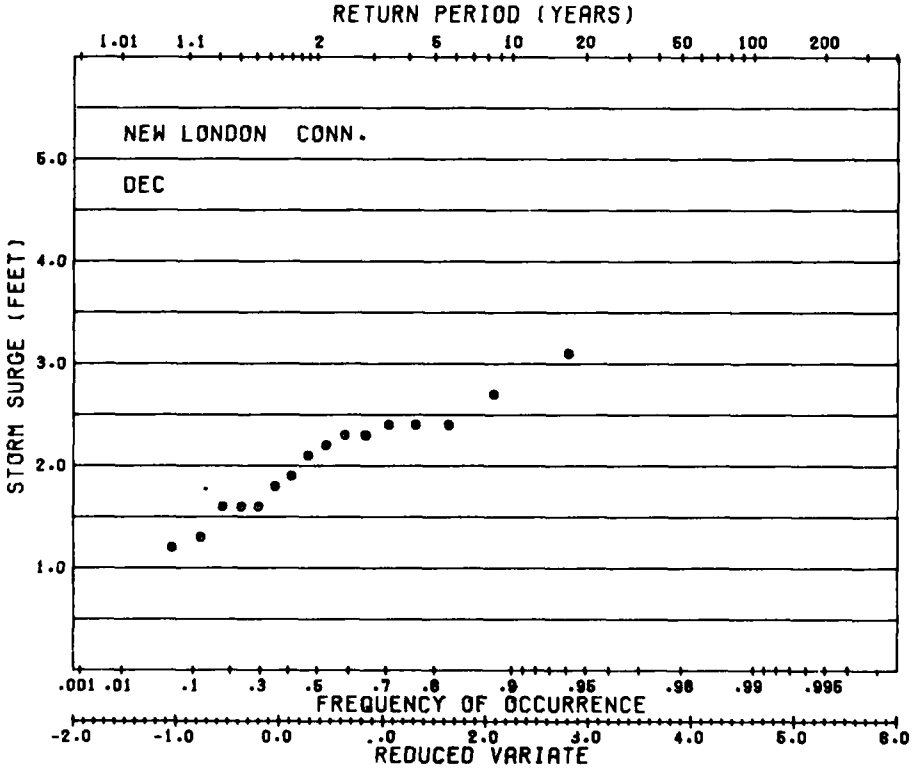
1.0
2.0
3.0
4.0
5.0
6.0
REDUCED VARIATE


RETURN PERIOD (YEARS)
1.01
1.1
2
5
10
20
50
100
200
NEW LONDON CONN.
DEC
STORM SURGE (FEET)
5.0
4.0
3.0
2.0
1.0
.001
.01
.1
.3
.5
.7
.8
.9
.95
.98
.99
.995
FREQUENCY OF OCCURRENCE
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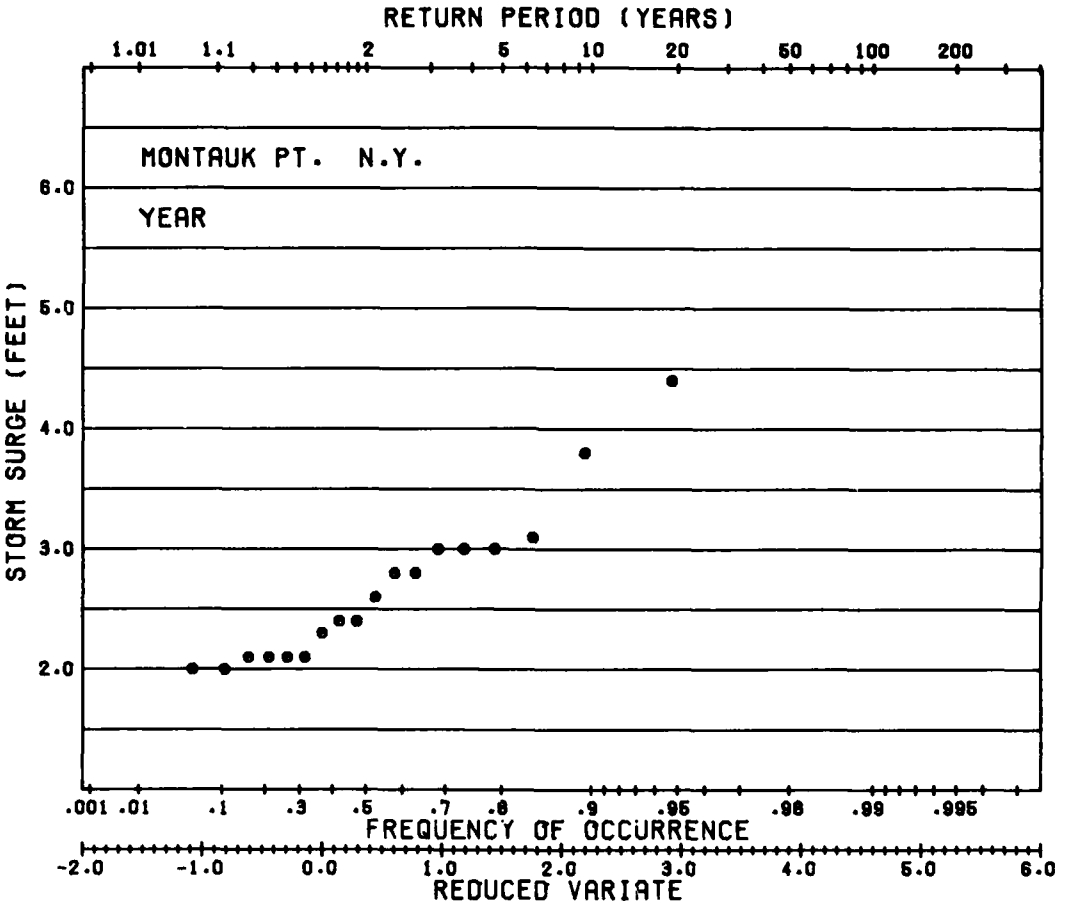
-1.0
0.0
1.0
2.0
3.0
4.0
5.0
6.0
REDUCED VARIATE


RETURN PERIOD (YEARS)
1.01
1.1
2
5
10
20
50
100
200
MONTAUK PT. N.Y.
YEAR
STORM SURGE (FEET)
6.0
5.0
4.0
3.0
2.0
.001
.01
.1
.3
.5
.7
.8
.9
.95
.98
.99
.995
FREQUENCY OF OCCURRENCE
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-1.0
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1.0
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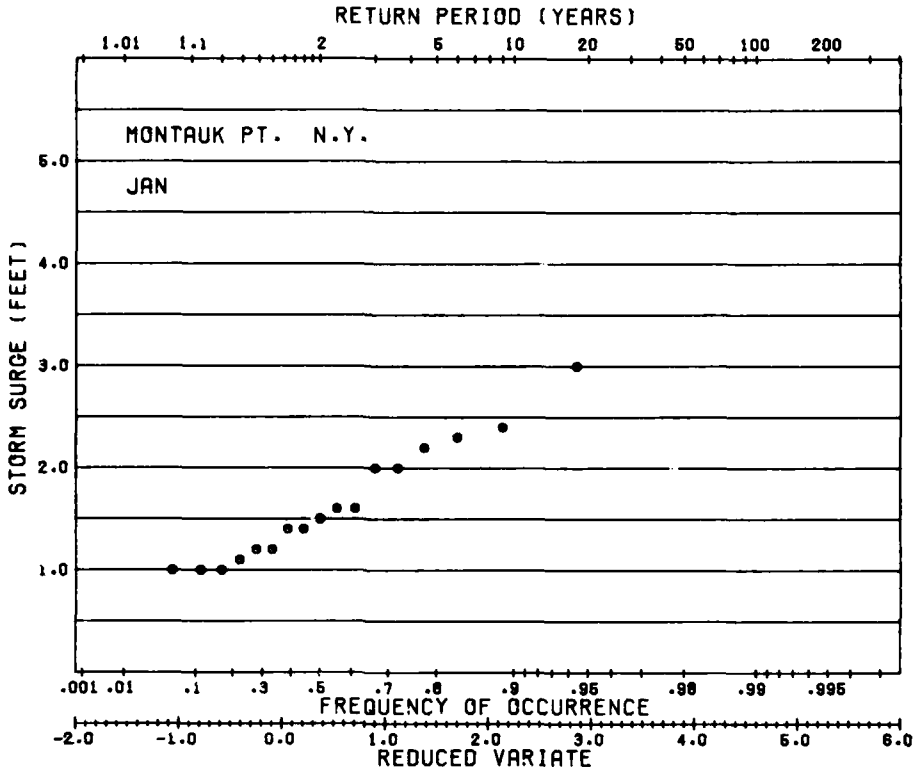
3.0
4.0
5.0
6.0
REDUCED VARIATE


RETURN PERIOD (YEARS)
1.01
1.1
2
5
10
20
50
100
200
MONTAUK PT. N.Y.
JAN
STORM SURGE (FEET)
5.0
4.0
3.0
2.0
1.0
.001 .01 .1 .3 .5 .7 .8 .9 .95 .98 .99 .995
FREQUENCY OF OCCURRENCE
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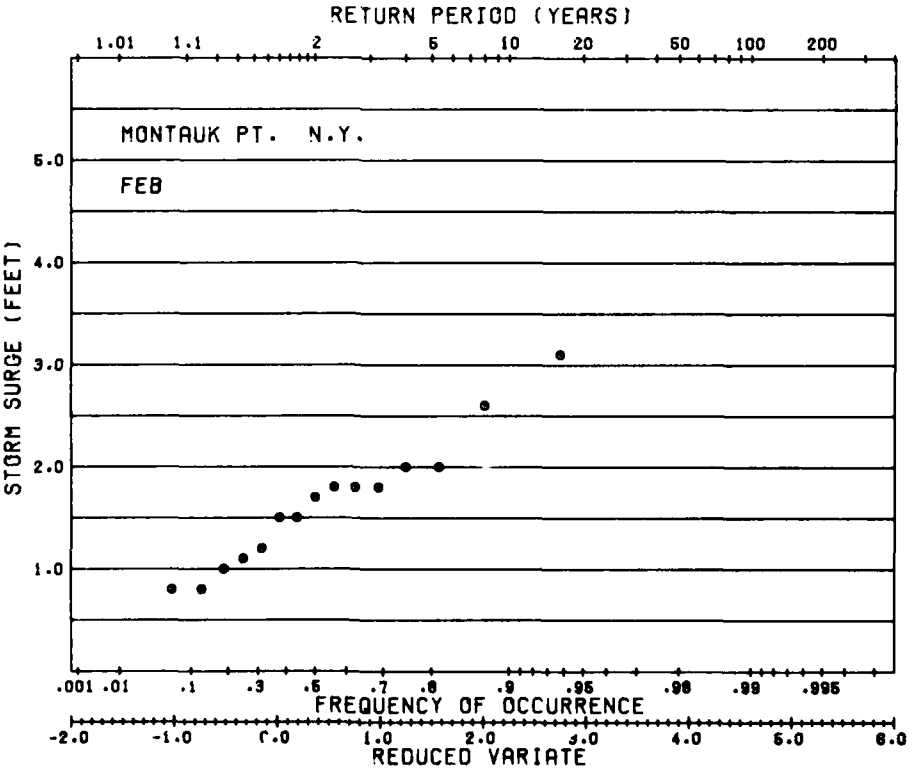
REDUCED VARIATE


RETURN PERIOD (YEARS)
1.01
1.1
2
5
10
20
50
100
200
MONTAUK PT. N.Y.
FEB
STORM SURGE (FEET)
5.0
4.0
3.0
2.0
1.0
.001 .01 .1 .3 .5 .7 .8 .9 .95 .98 .99 .995
FREQUENCY OF OCCURRENCE
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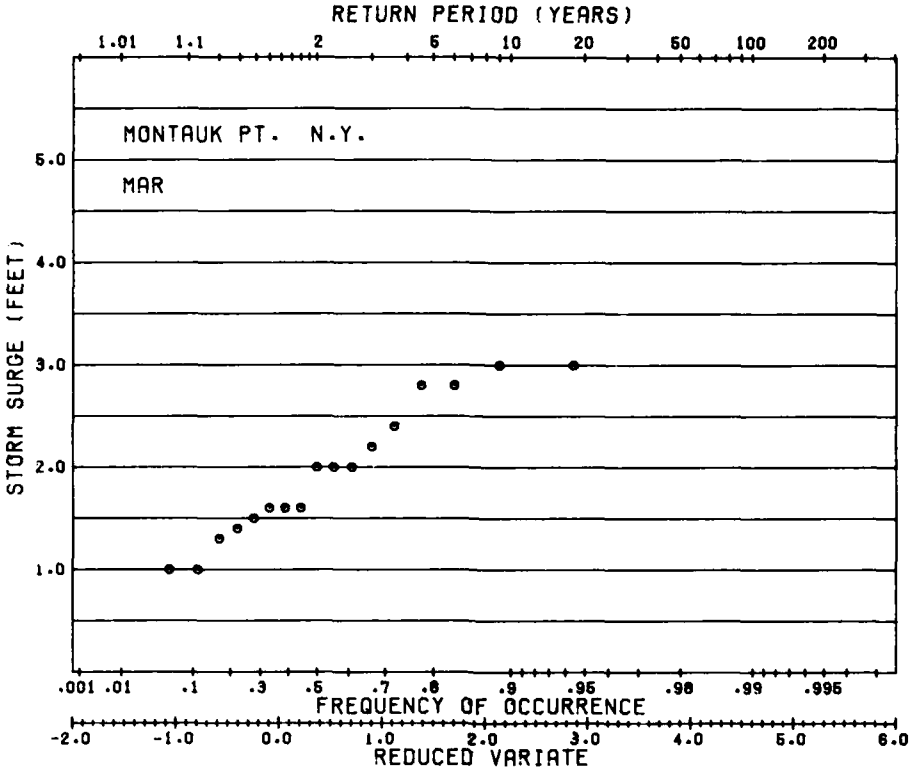
REDUCED VARIATE


RETURN PERIOD (YEARS)
1.01
1.1
2
5
10
20
50
100
200
MONTAUK PT. N.Y.
MAR
STORM SURGE (FEET)
5.0
4.0
3.0
2.0
1.0
.001
.01
.1
.3
.5
.7
.8
.9
.95
.98
.99
.995
FREQUENCY OF OCCURRENCE
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4.0
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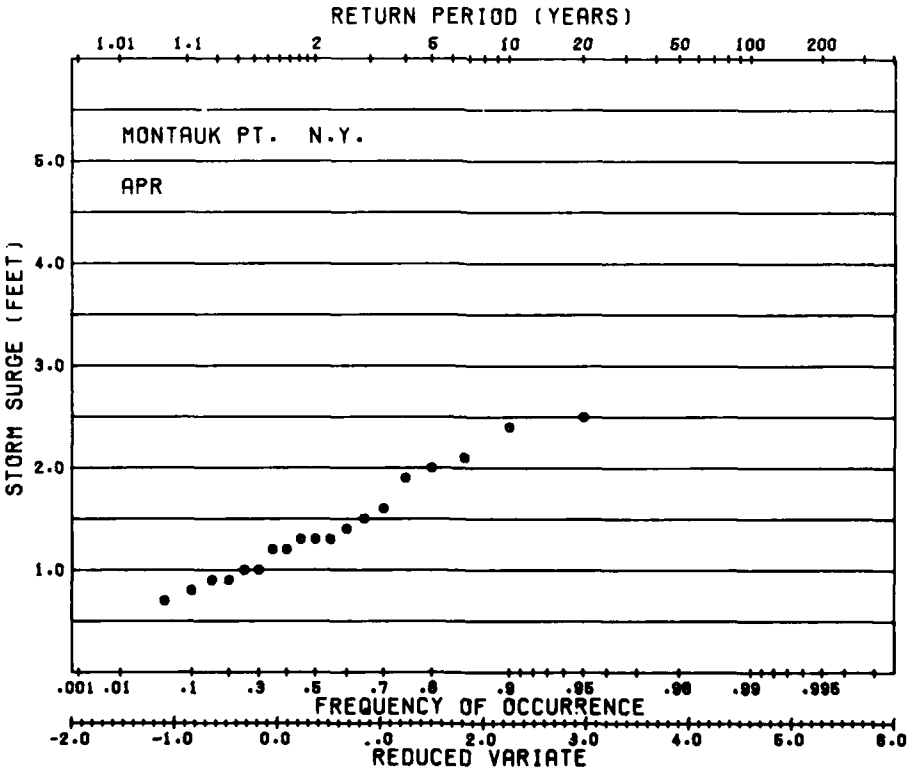
6.0
REDUCED VARIATE


RETURN PERIOD (YEARS)
1.01
1.1
2
5
10
20
50
100
200
MONTAUK PT. N.Y.
APR
STORM SURGE (FEET)
5.0
4.0
3.0
2.0
1.0
.001
.01
.1
.3
.5
.7
.8
.9
.95
.98
.99
.995
FREQUENCY OF OCCURRENCE
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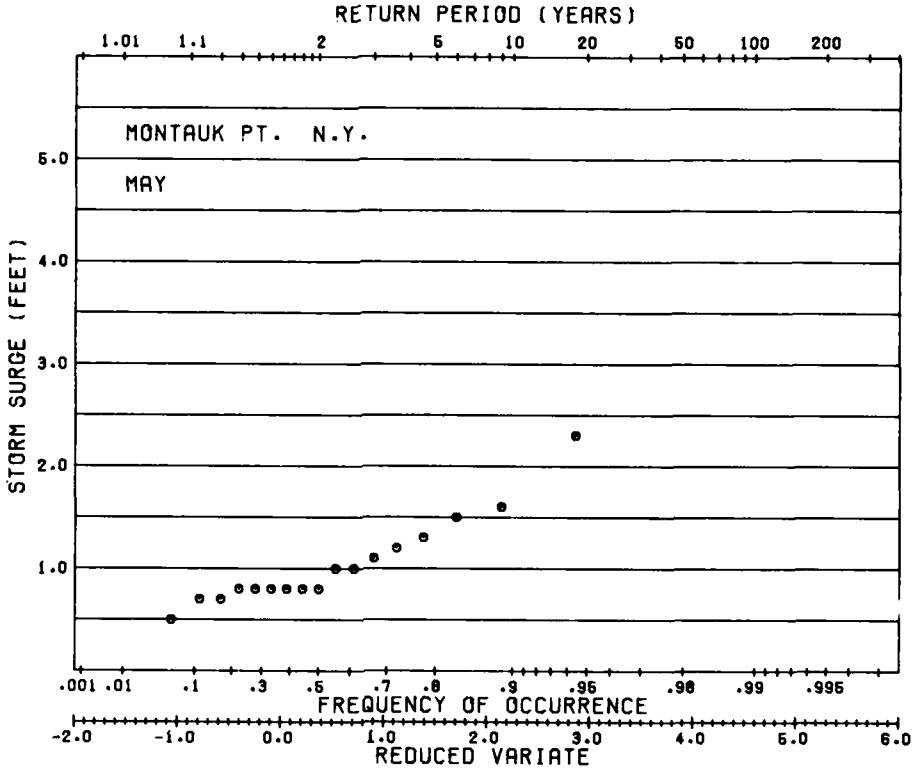
REDUCED VARIATE


RETURN PERIOD (YEARS)
1.01
1.1
2
5
10
20
50
100
200
MONTAUK PT. N.Y.
MAY
STORM SURGE (FEET)
5.0
4.0
3.0
2.0
1.0
.001
.01
.1
.3
.5
.7
.8
.9
.95
.98
.99
.995
FREQUENCY OF OCCURRENCE
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4.0
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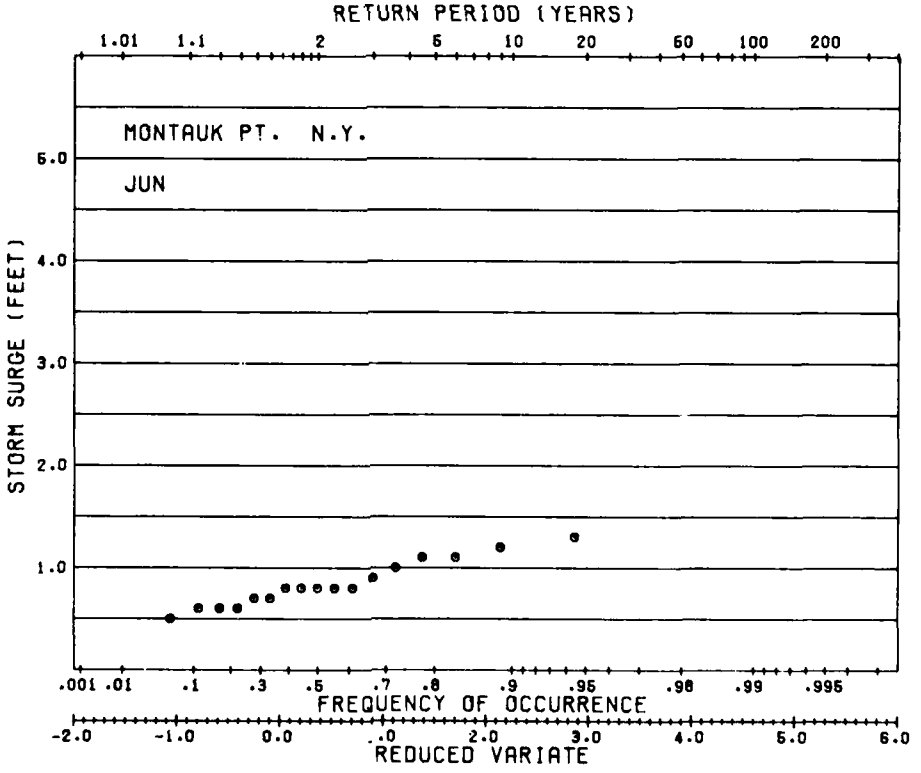
6.0
REDUCED VARIATE


RETURN PERIOD (YEARS)
1.01
1.1
2
5
10
20
50
100
200
MONTAUK PT. N.Y.
JUN
STORM SURGE (FEET)
5.0
4.0
3.0
2.0
1.0
.001
.01
.1
.3
.5
.7
.8
.9
.95
.98
.99
.995
FREQUENCY OF OCCURRENCE
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-1.0
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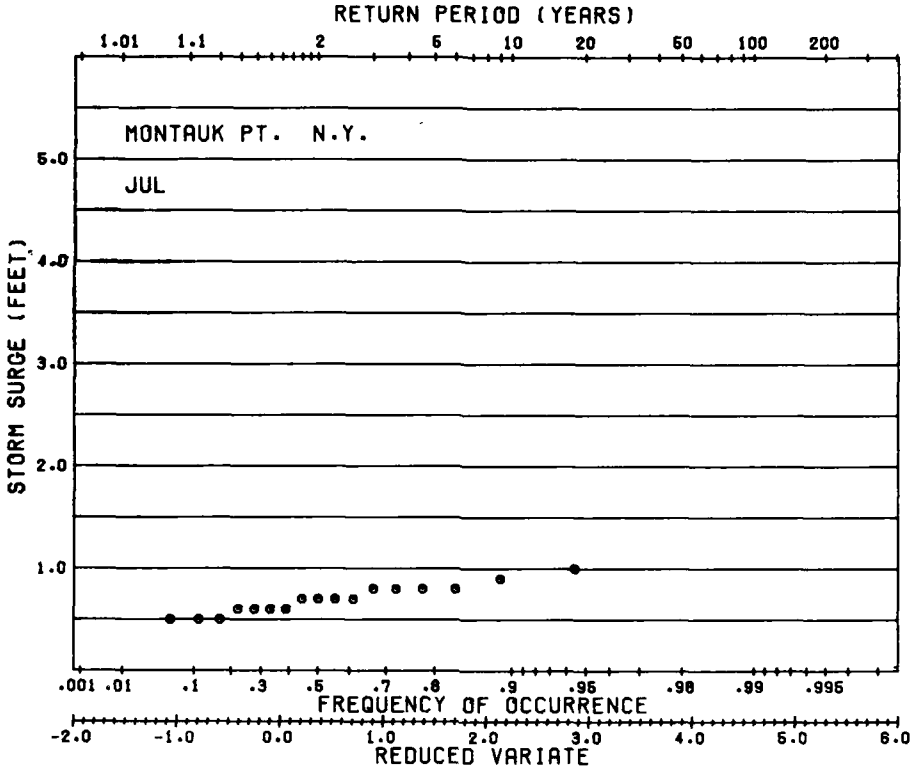
4.0
5.0
6.0
REDUCED VARIATE


RETURN PERIOD (YEARS)
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1.1
2
5
10
20
50
100
200
MONTAUK PT. N.Y.
JUL
STORM SURGE (FEET)
5.0
4.0
3.0
2.0
1.0
.001
.01
.1
.3
.5
.7
.8
.9
.95
.98
.99
.995
FREQUENCY OF OCCURRENCE
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-1.0
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4.0
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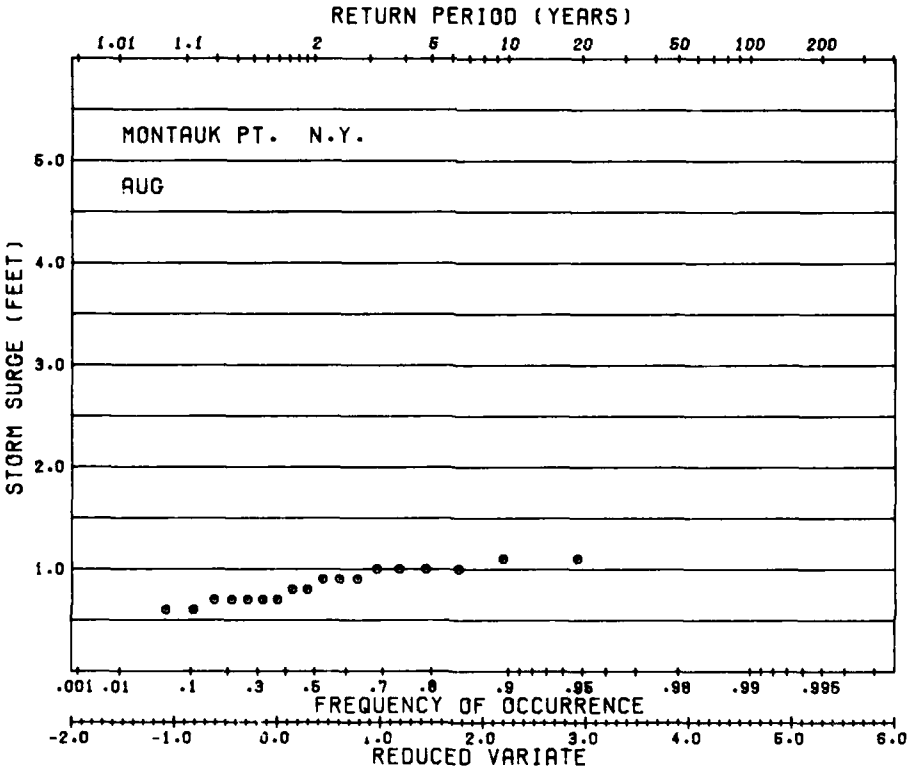
REDUCED VARIATE


RETURN PERIOD (YEARS)
1.01
1.1
2
5
10
20
50
100
200
MONTAUK PT. N.Y.
AUG
STORM SURGE (FEET)
5.0
4.0
3.0
2.0
1.0
.001
.01
.1
.3
.5
.7
.8
.9
.95
.98
.99
.995
FREQUENCY OF OCCURRENCE
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-1.0
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1.0
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4.0
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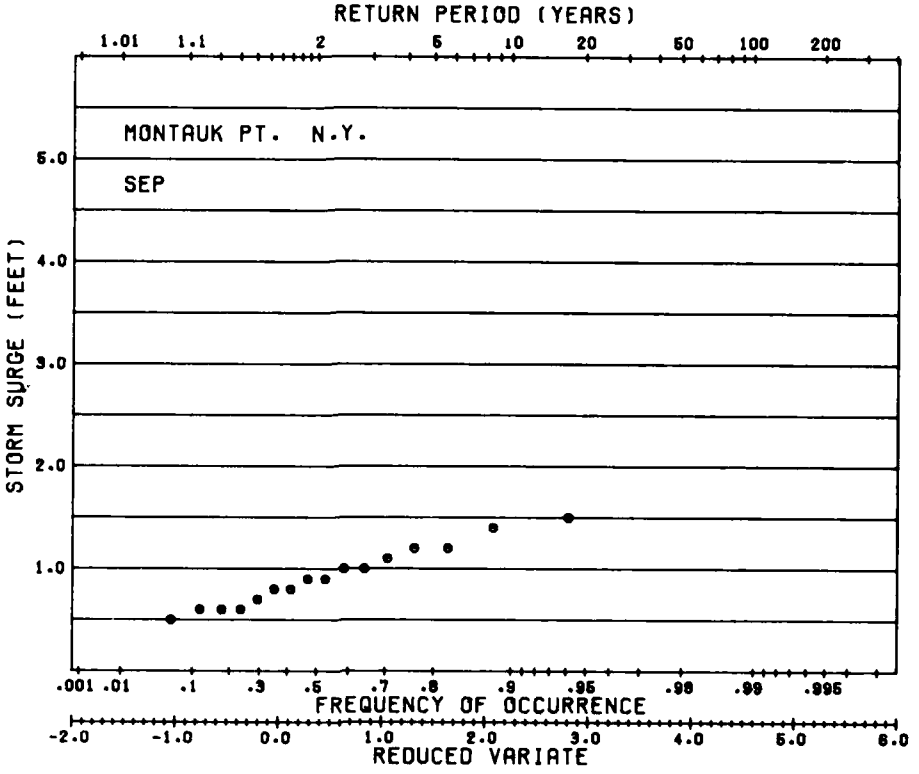
6.0
REDUCED VARIATE


RETURN PERIOD (YEARS)
1.01
1.1
2
5
10
20
50
100
200
MONTAUK PT. N.Y.
SEP
STORM SURGE (FEET)
5.0
4.0
3.0
2.0
1.0
.001
.01
.1
.3
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.9
.95
.98
.99
.995
FREQUENCY OF OCCURRENCE
-2.0
-1.0
0.0
1.0
2.0
3.0
4.0
5.0
6.0
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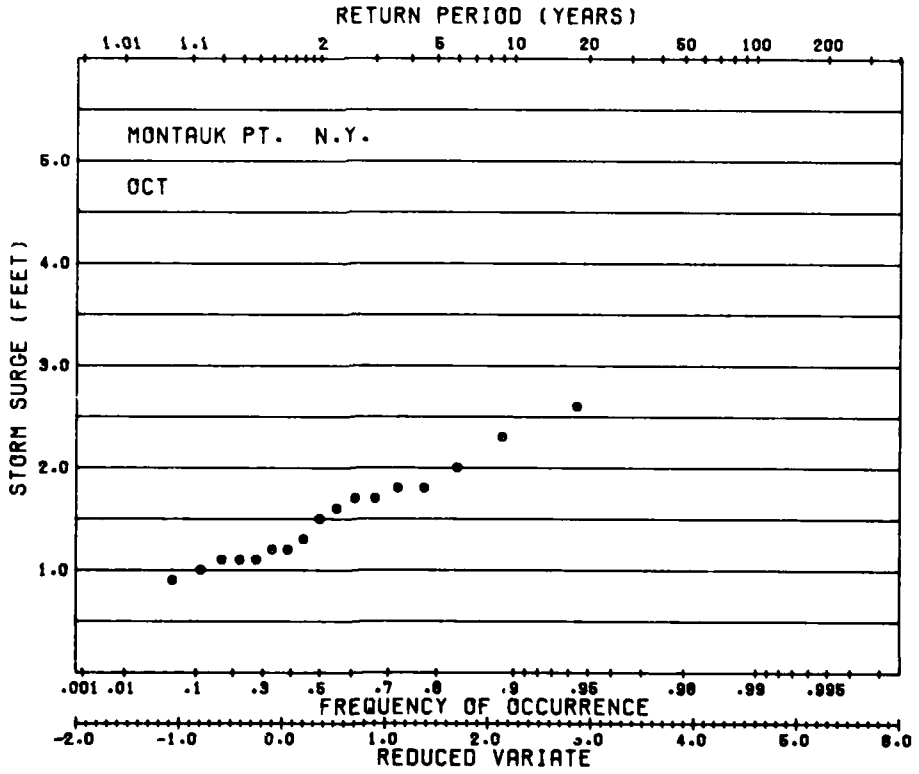
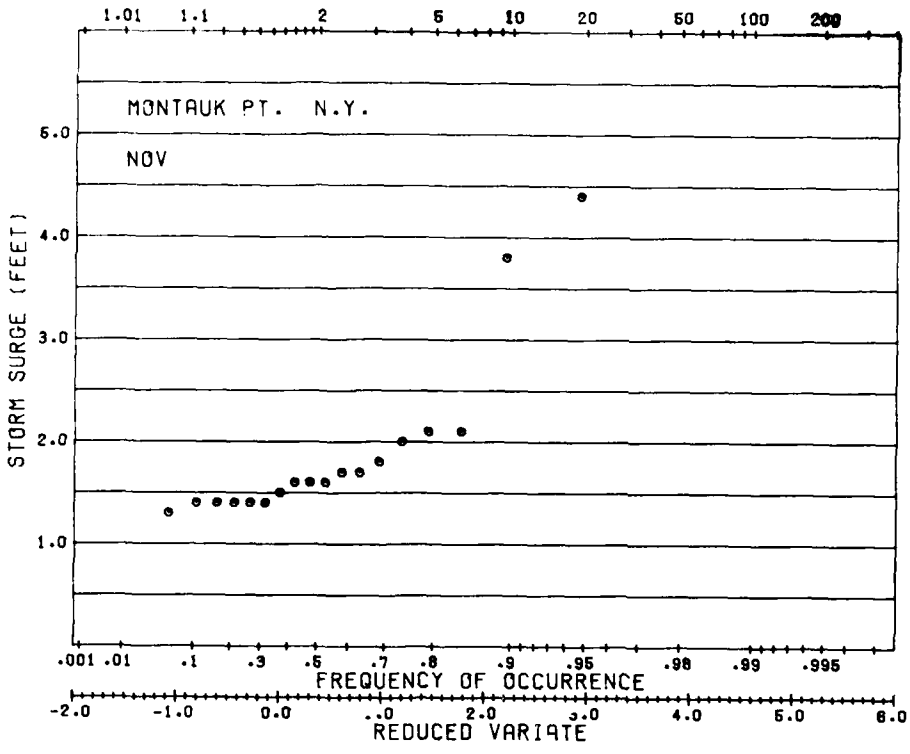
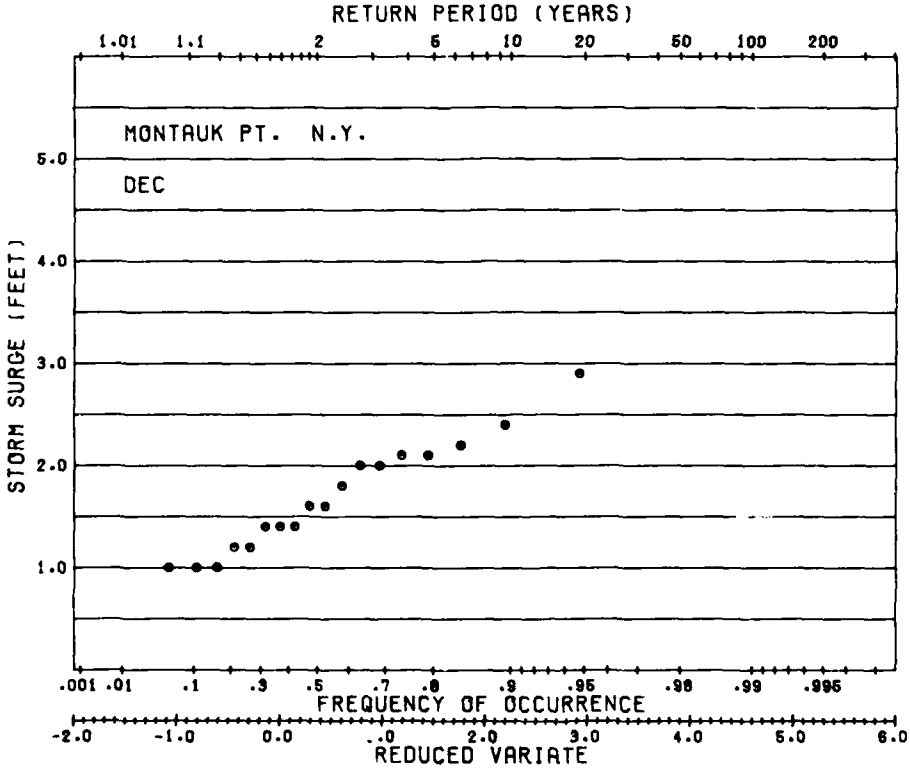
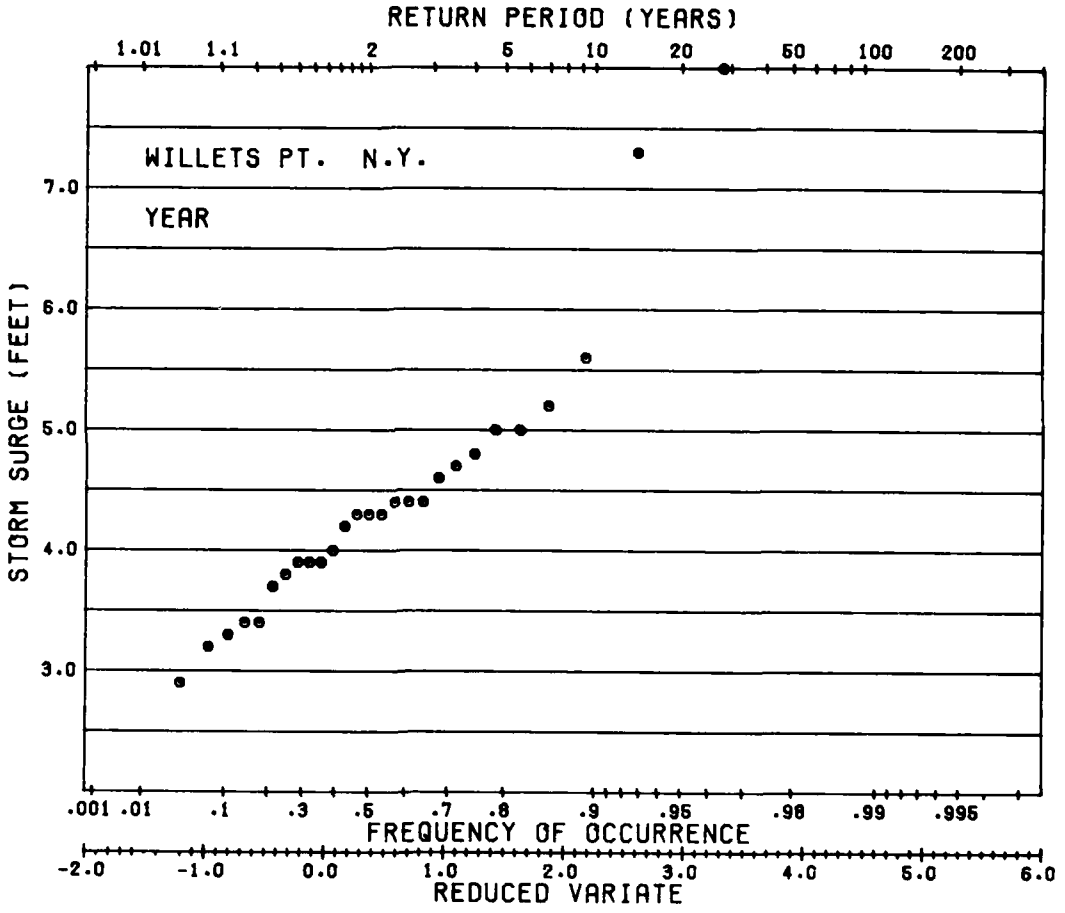

RETURN PERIOD (YEARS)
1.01
1.1
2
5
10
20
50
100
200
MONTAUK PT. N.Y.
OCT
STORM SURGE (FEET)
5.0
4.0
3.0
2.0
1.0
.001
.01
.1
.3
.5
.7
.8
.9
.95
.98
.99
.995
FREQUENCY OF OCCURRENCE
-2.0
-1.0
0.0
1.0
2.0
3.0
4.0
5.0
6.0
REDUCED VARIATE


RETURN PERIOD (YEARS)
1.01
1.1
2
5
10
20
50
100
200
MONTAUK PT. N.Y.
NOV
STORM SURGE (FEET)
5.0
4.0
3.0
2.0
1.0
.001
.01
.1
.3
.5
.7
.8
.9
.95
.98
.99
.995
FREQUENCY OF OCCURRENCE
-2.0
-1.0
0.0
1.0
2.0
3.0
4.0
5.0
6.0
REDUCED VARIATE


RETURN PERIOD (YEARS)
1.01
1.1
2
5
10
20
50
100
200
MONTAUK PT. N.Y.
DEC
STORM SURGE (FEET)
5.0
4.0
3.0
2.0
1.0
.001
.01
.1
.3
.5
.7
.8
.9
.95
.98
.99
.995
FREQUENCY OF OCCURRENCE
-2.0
-1.0
0.0
1.0
2.0
3.0
4.0
5.0
6.0
REDUCED VARIATE


RETURN PERIOD (YEARS)
1.01
1.1
2
5
10
20
50
100
200
WILLETS PT. N.Y.
YEAR
STORM SURGE (FEET)
7.0
6.0
5.0
4.0
3.0
.001
.01
.1
.3
.5
.7
.8
.9
.95
.98
.99
.995
FREQUENCY OF OCCURRENCE
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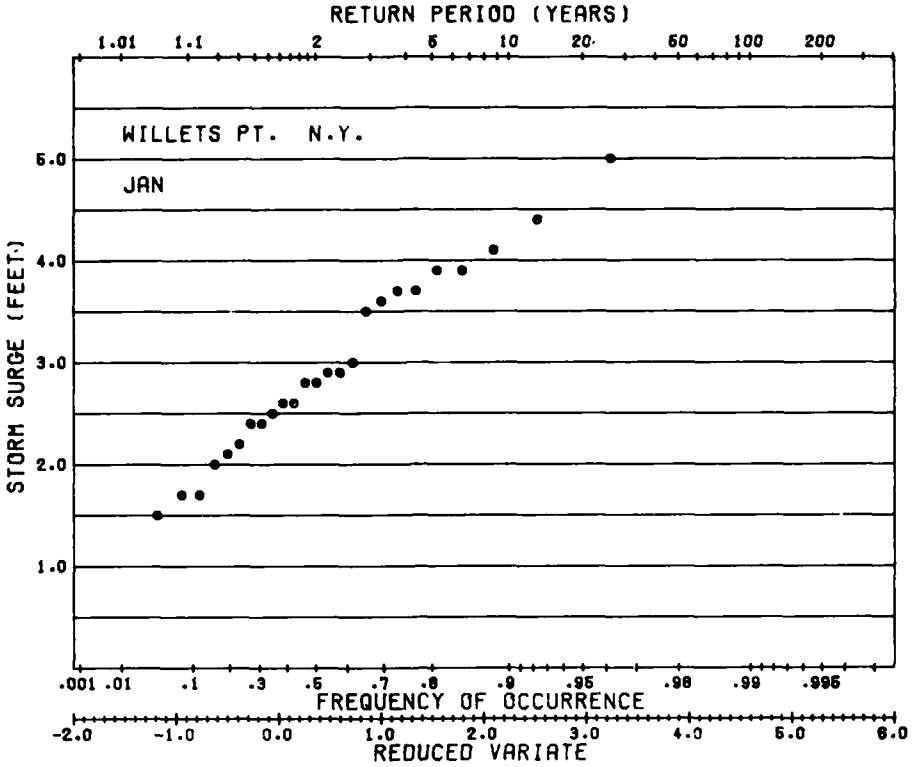
-1.0
0.0
1.0
2.0
3.0
4.0
5.0
6.0
REDUCED VARIATE


RETURN PERIOD (YEARS)
1.01
1.1
2
5
10
20
50
100
200
WILLETS PT. N.Y.
JAN
STORM SURGE (FEET)
5.0
4.0
3.0
2.0
1.0
.001
.01
.1
.3
.5
.7
.8
.9
.95
.98
.99
.995
FREQUENCY OF OCCURRENCE
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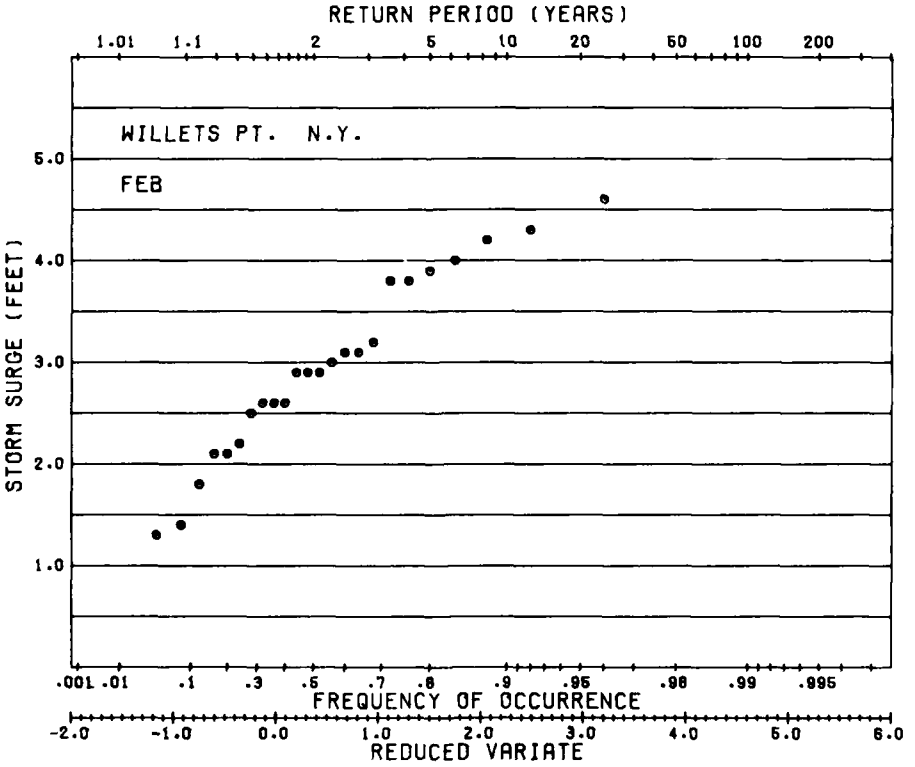
-1.0
0.0
1.0
2.0
3.0
4.0
5.0
6.0
REDUCED VARIATE


RETURN PERIOD (YEARS)
1.01
1.1
2
5
10
20
50
100
200
WILLETS PT. N.Y.
FEB
STORM SURGE (FEET)
5.0
4.0
3.0
2.0
1.0
.001
.01
.1
.3
.5
.7
.8
.9
.95
.98
.99
.995
FREQUENCY OF OCCURRENCE
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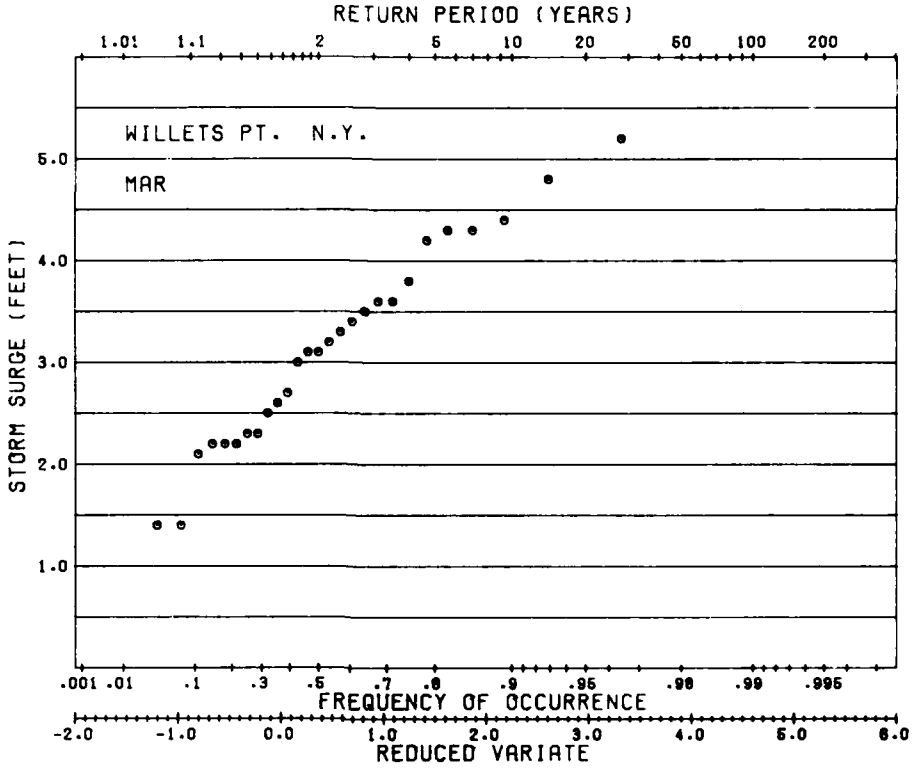
-1.0
0.0
1.0
2.0
3.0
4.0
5.0
6.0
REDUCED VARIATE


RETURN PERIOD (YEARS)
1.01
1.1
2
5
10
20
50
100
200
WILLETS PT. N.Y.
MAR
STORM SURGE (FEET)
5.0
4.0
3.0
2.0
1.0
.001
.01
.1
.3
.5
.7
.8
.9
.95
.98
.99
.995
FREQUENCY OF OCCURRENCE
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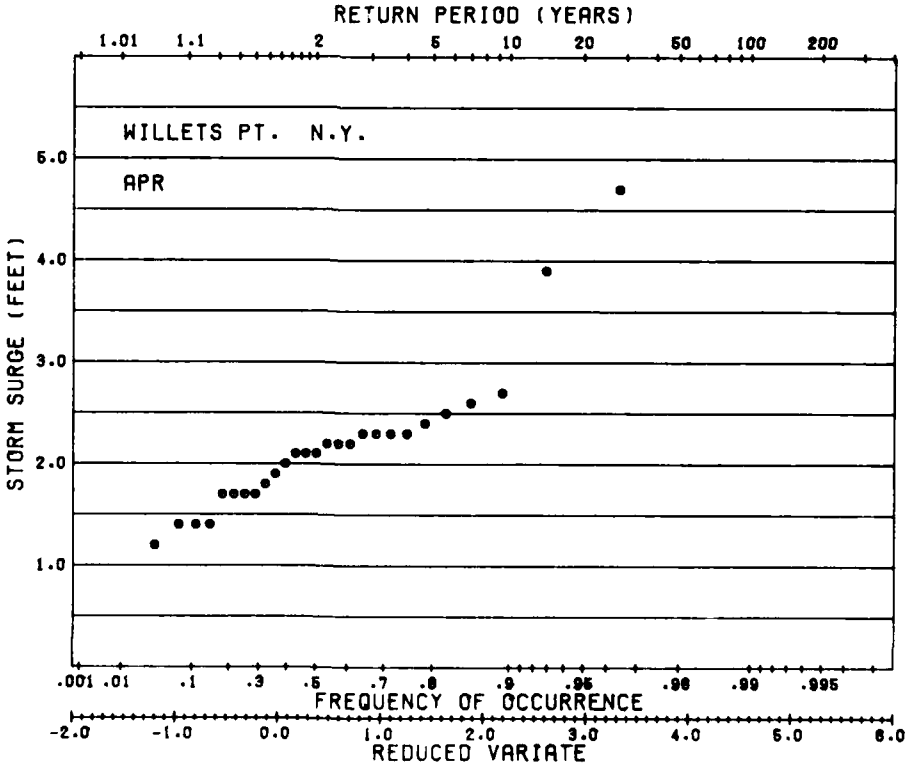
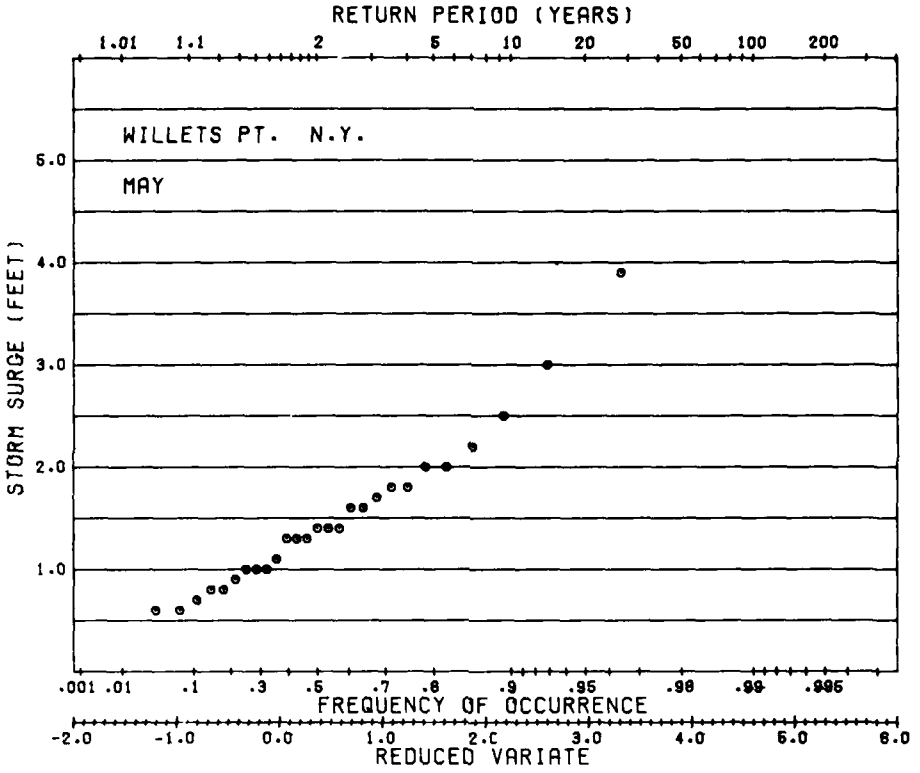
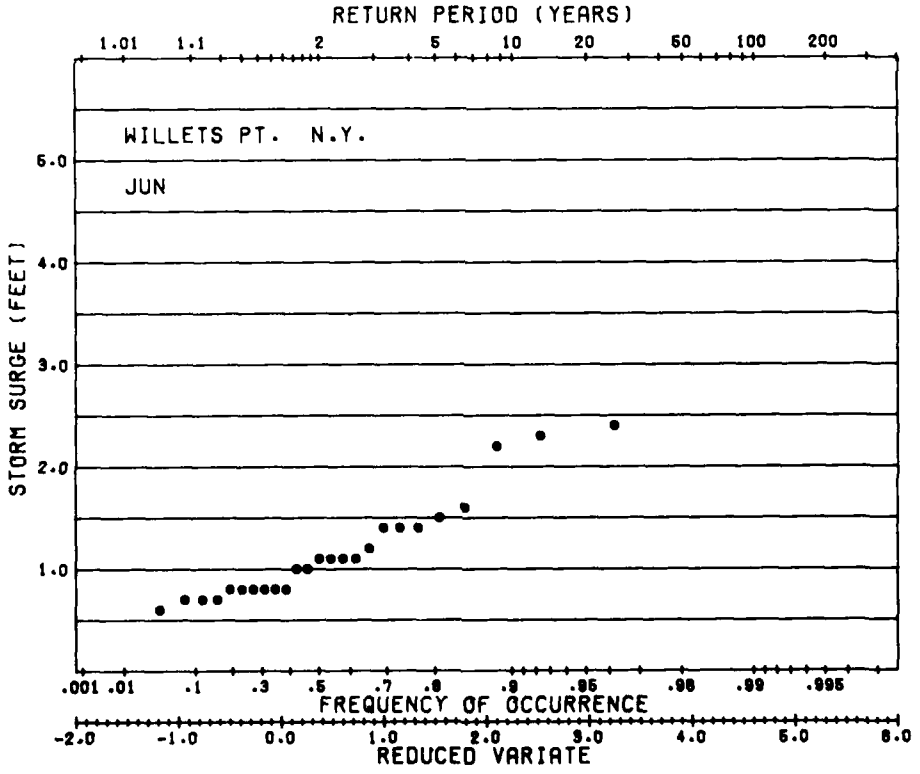
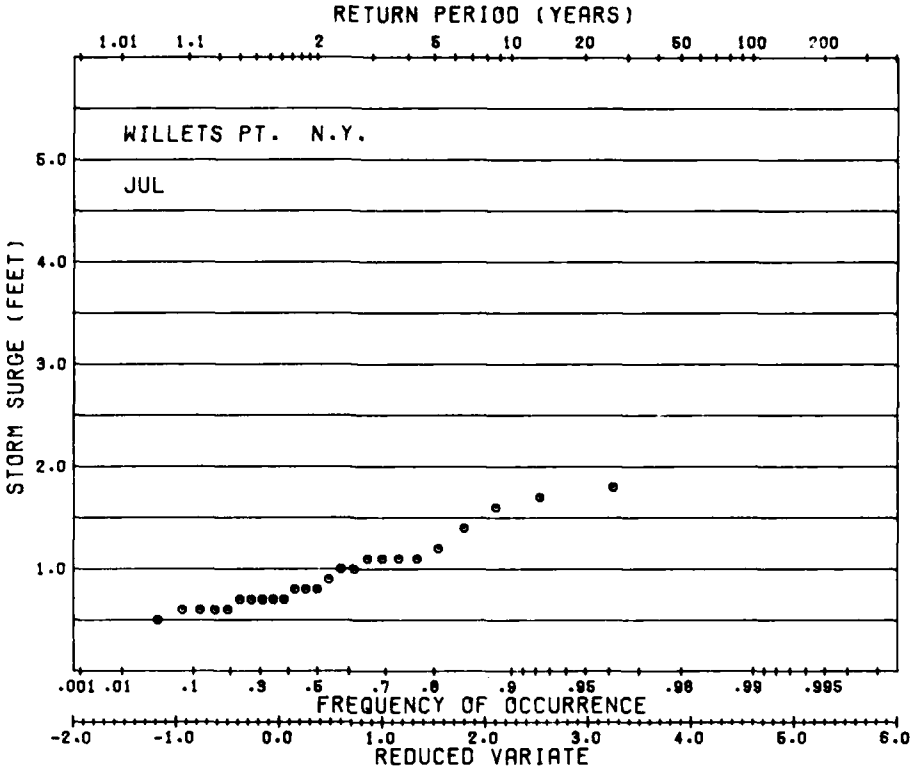
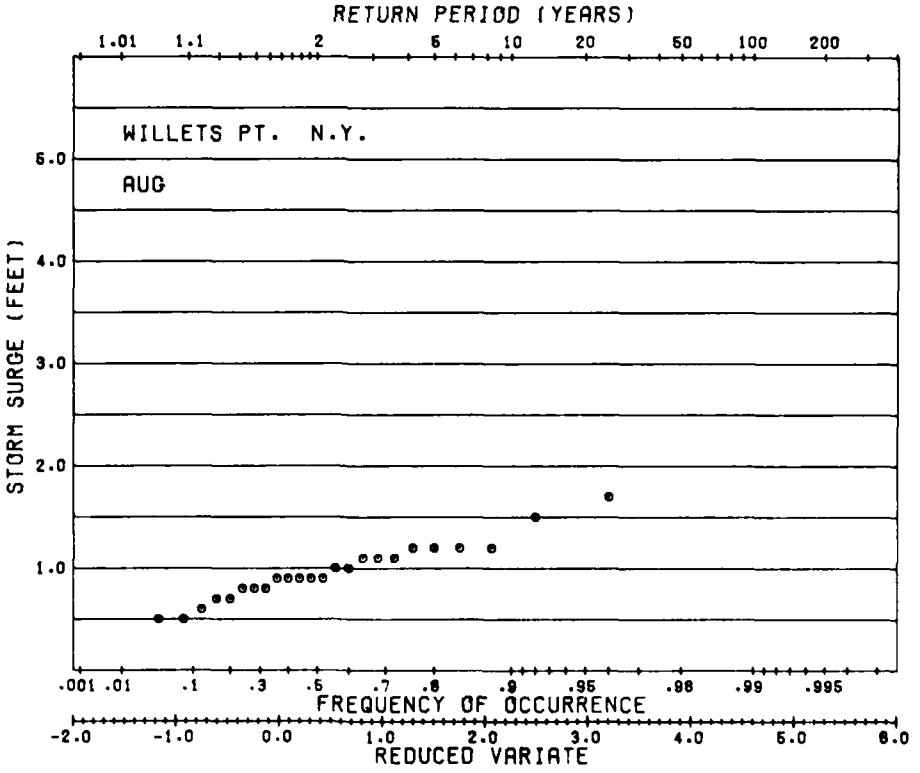
-1.0
0.0
1.0
2.0
3.0
4.0
5.0
6.0
REDUCED VARIATE

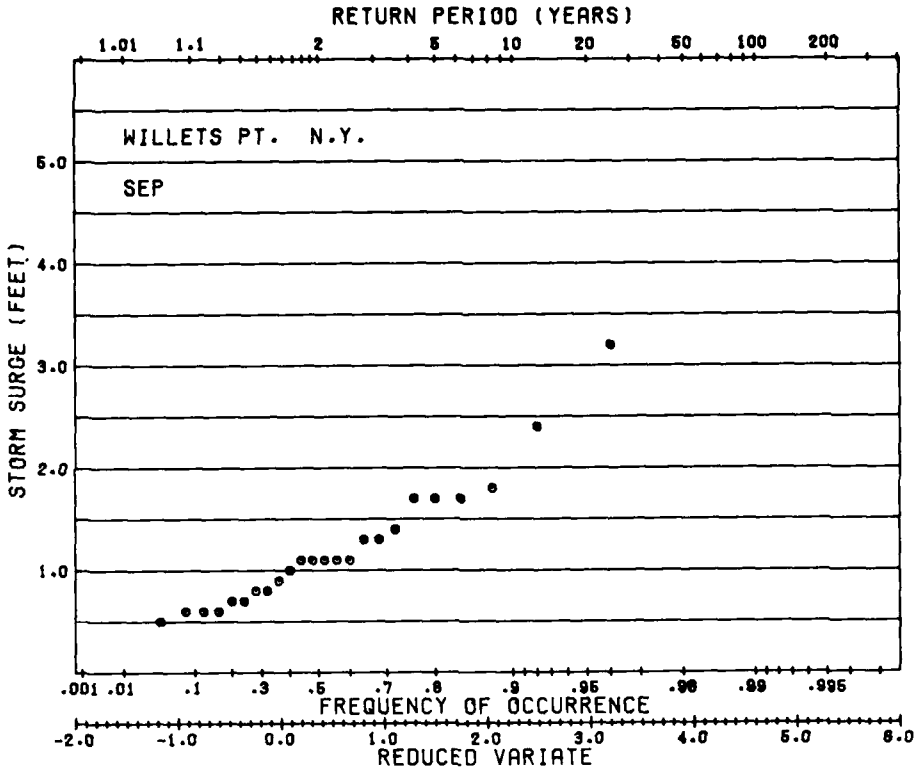

RETURN PERIOD (YEARS)
1.01
1.1
2
5
10
20
50
100
200
WILLETS PT. N.Y.
APR
STORM SURGE (FEET)
5.0
4.0
3.0
2.0
1.0
.001
.01
.1
.3
.5
.7
.8
.9
.95
.98
.99
.995
FREQUENCY OF OCCURRENCE
-2.0
-1.0
0.0
1.0
2.0
3.0
4.0
5.0
6.0
REDUCED VARIATE

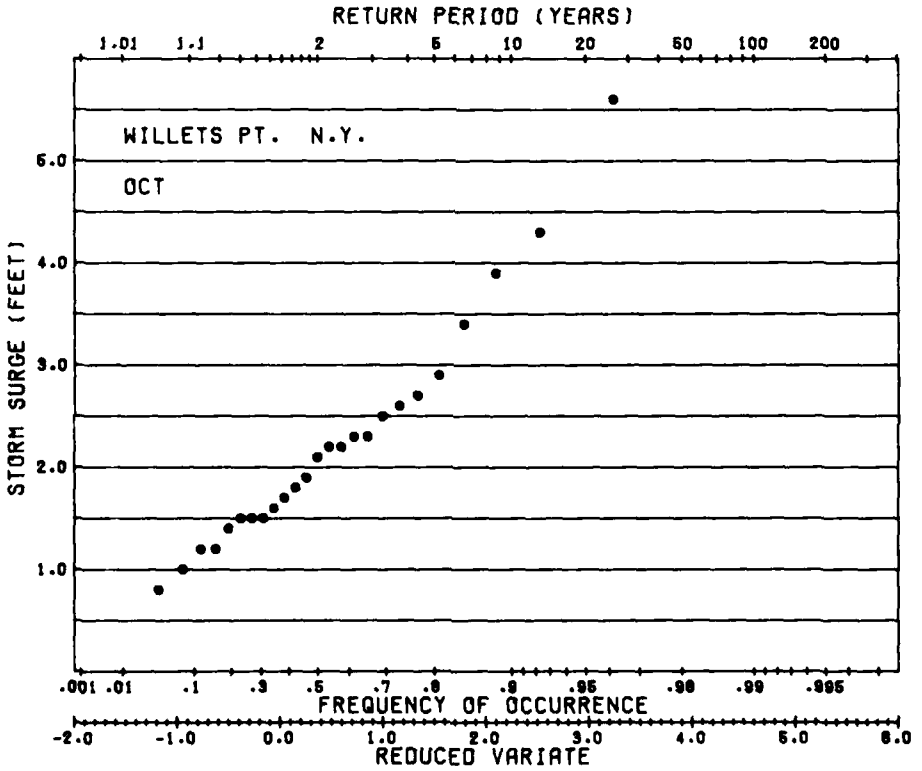

RETURN PERIOD (YEARS)
1.01
1.1
2
5
10
20
50
100
200
WILLETS PT. N.Y.
MAY
STORM SURGE (FEET)
5.0
4.0
3.0
2.0
1.0
.001
.01
.1
.3
.5
.7
.8
.9
.95
.98
.99
.995
FREQUENCY OF OCCURRENCE
-2.0
-1.0
0.0
1.0
2.0
3.0
4.0
5.0
6.0
REDUCED VARIATE

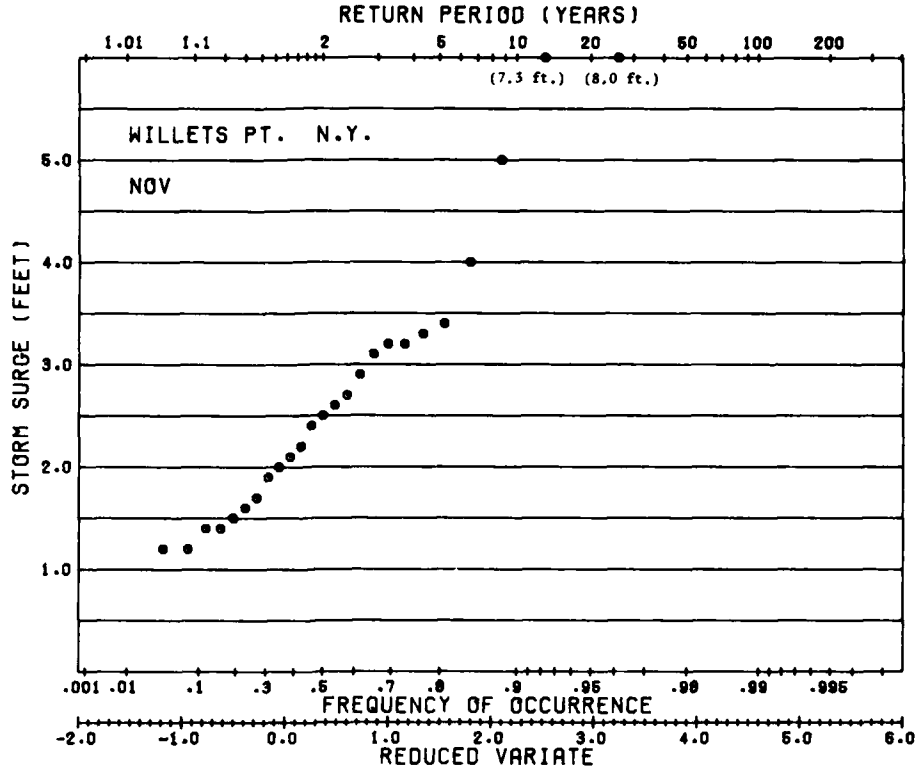

RETURN PERIOD (YEARS)
1.01
1.1
2
5
10
20
50
100
200
WILLETS PT. N.Y.
JUN
STORM SURGE (FEET)
6.0
4.0
3.0
2.0
1.0
.001
.01
.1
.3
.5
.7
.8
.9
.95
.98
.99
.995
FREQUENCY OF OCCURRENCE
-2.0
-1.0
0.0
1.0
2.0
3.0
4.0
5.0
6.0
REDUCED VARIATE

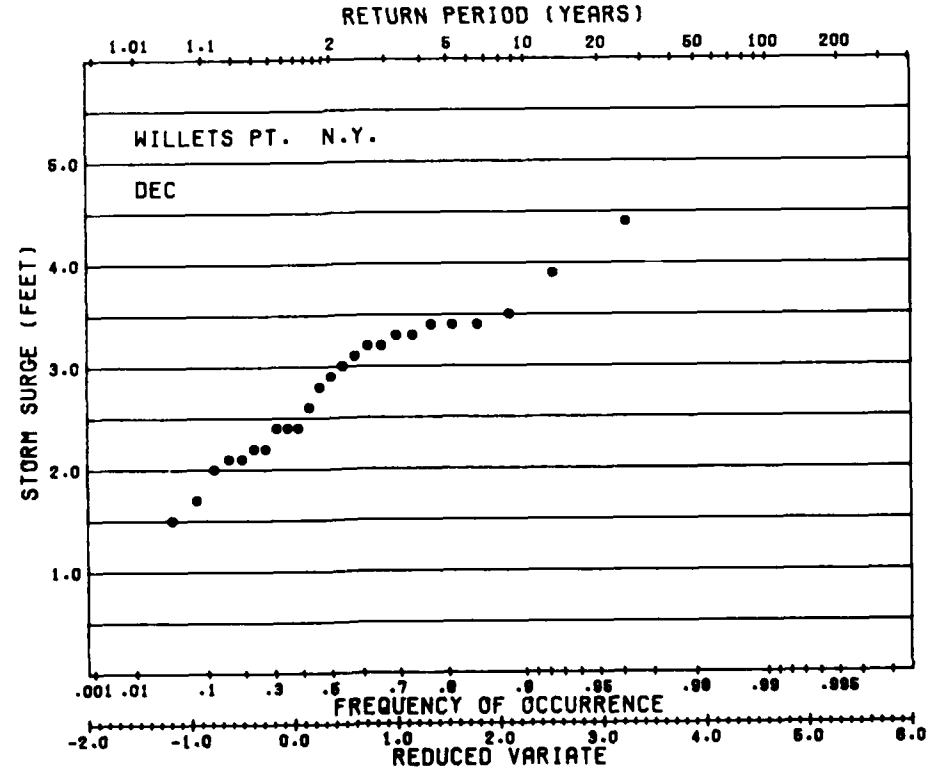

RETURN PERIOD (YEARS)
1.01
1.1
2
5
10
20
50
100
200
WILLETS PT. N.Y.
JUL
STORM SURGE (FEET)
5.0
4.0
3.0
2.0
1.0
.001
.01
.1
.3
.5
.7
.8
.9
.95
.98
.99
.995
FREQUENCY OF OCCURRENCE
-2.0
-1.0
0.0
1.0
2.0
3.0
4.0
5.0
6.0
REDUCED VARIATE

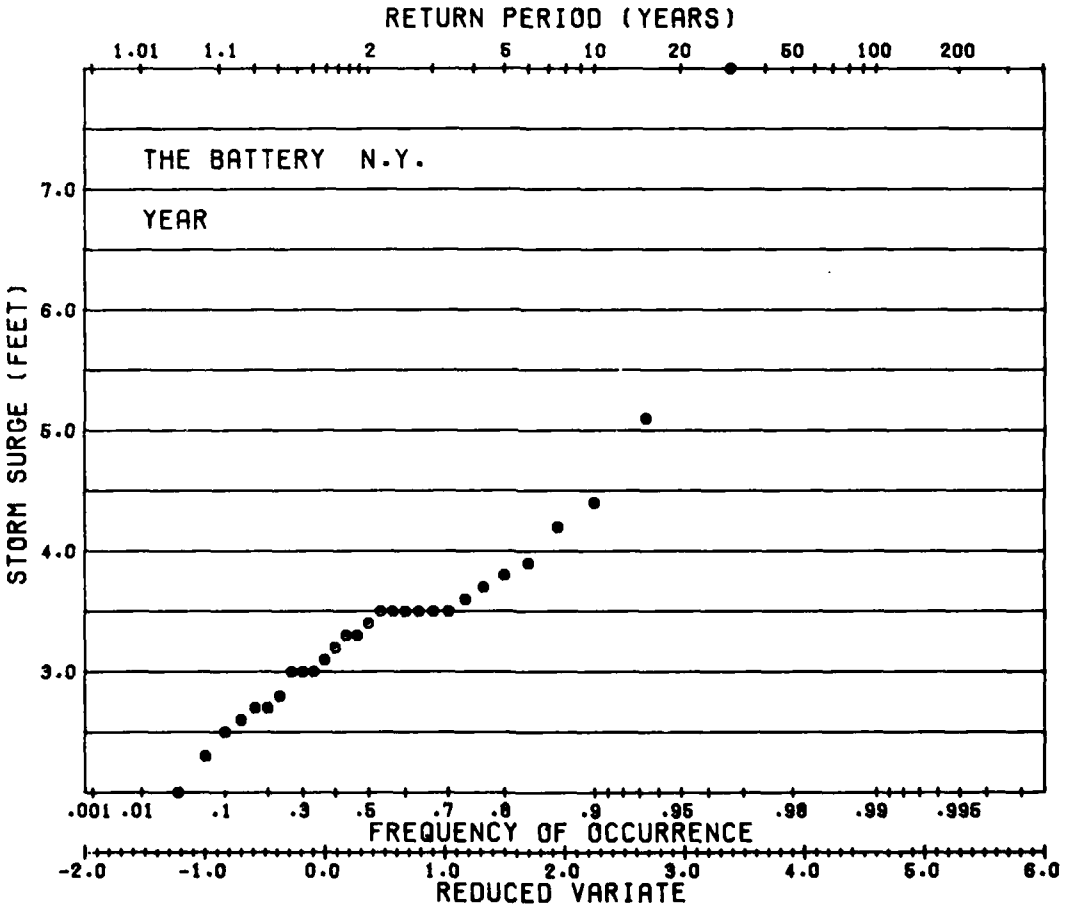

RETURN PERIOD (YEARS)
1.01
1.1
2
5
10
20
50
100
200
WILLETS PT. N.Y.
AUG
STORM SURGE (FEET)
5.0
4.0
3.0
2.0
1.0
.001
.01
.1
.3
.5
.7
.8
.9
.95
.98
.99
.995
FREQUENCY OF OCCURRENCE
-2.0
-1.0
0.0
1.0
2.0
3.0
4.0
5.0
6.0
REDUCED VARIATE

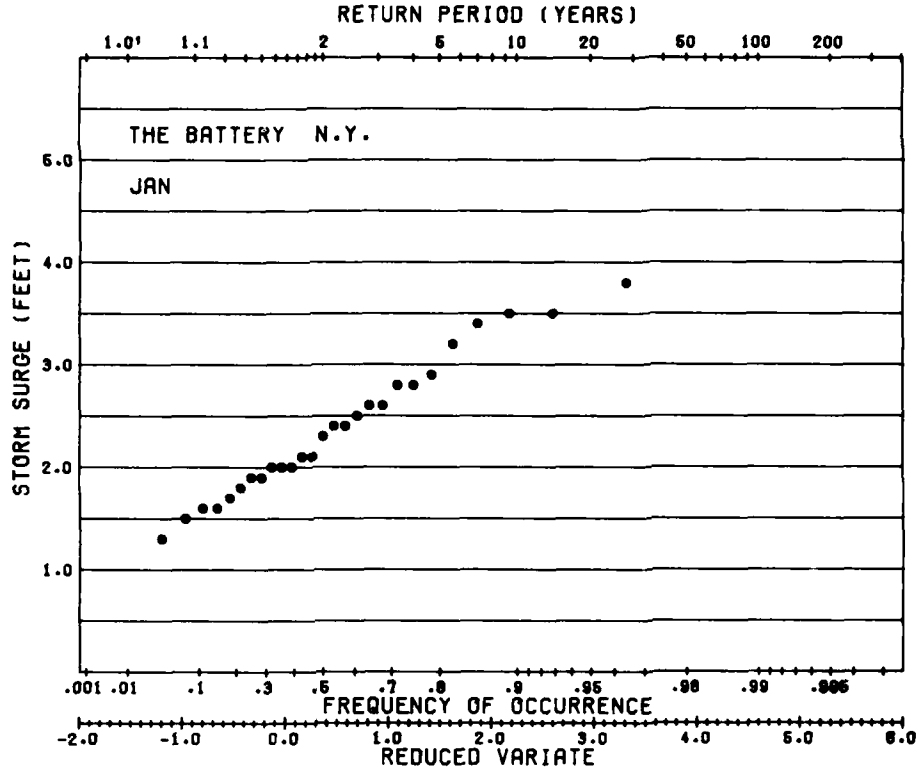

RETURN PERIOD (YEARS)
1.01
1.1
2
5
10
20
50
100
200
WILLETS PT. N.Y.
SEP
STORM SURGE (FEET)
5.0
4.0
3.0
2.0
1.0
.001
.01
.1
.3
.5
.7
.8
.9
.95
.98
.99
.995
FREQUENCY OF OCCURRENCE
-2.0
-1.0
0.0
1.0
2.0
3.0
4.0
5.0
6.0
REDUCED VARIATE

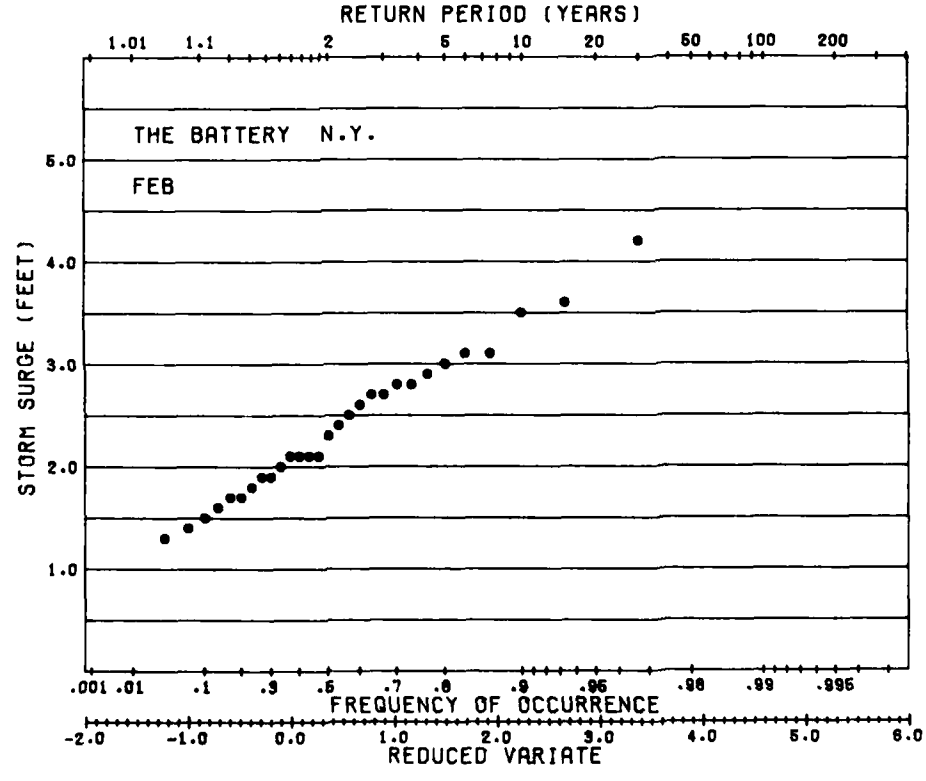

RETURN PERIOD (YEARS)
1.01
1.1
2
5
10
20
50
100
200
WILLETS PT. N.Y.
OCT
STORM SURGE (FEET)
5.0
4.0
3.0
2.0
1.0
.001
.01
.1
.3
.5
.7
.8
.9
.95
.98
.99
.995
FREQUENCY OF OCCURRENCE
-2.0
-1.0
0.0
1.0
2.0
3.0
4.0
5.0
6.0
REDUCED VARIATE

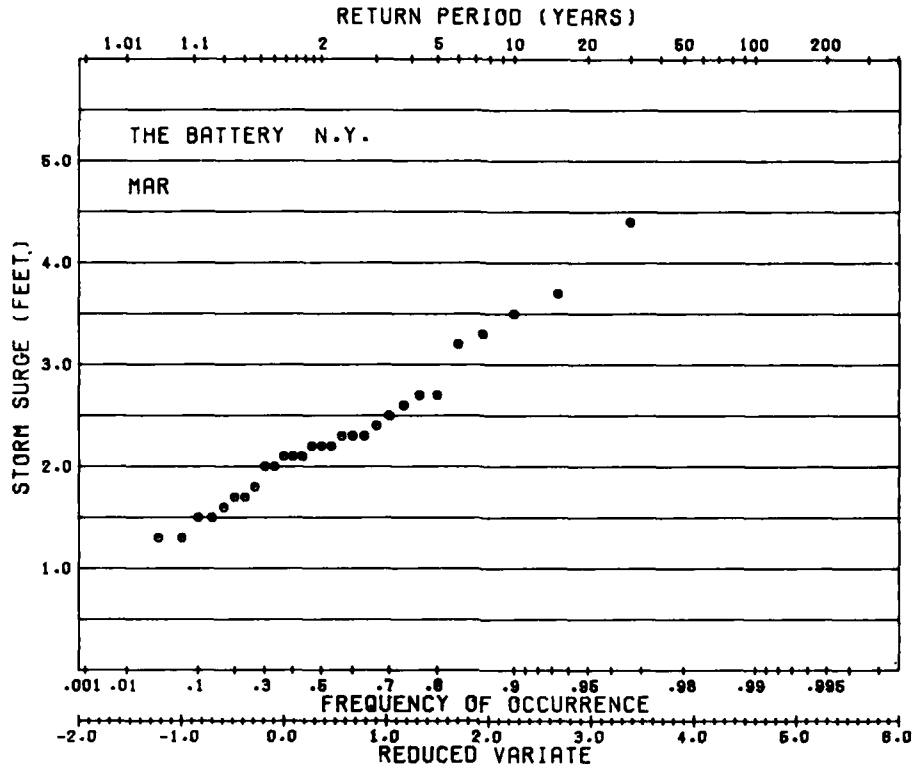

RETURN PERIOD (YEARS)
1.01
1.1
2
5
10
20
50
100
200
(7.3 ft.)
(8.0 ft.)
WILLETS PT. N.Y.
NOV
STORM SURGE (FEET)
5.0
4.0
3.0
2.0
1.0
.001
.01
.1
.3
.5
.7
.8
.9
.95
.98
.99
.995
FREQUENCY OF OCCURRENCE
-2.0
-1.0
0.0
1.0
2.0
3.0
4.0
5.0
6.0
REDUCED VARIATE

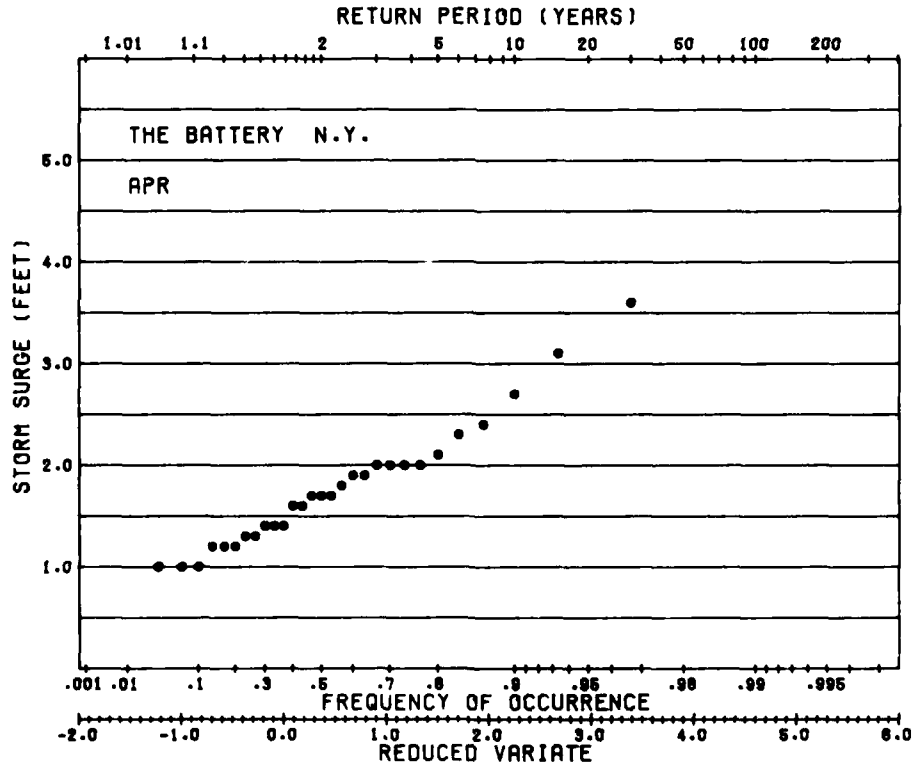

RETURN PERIOD (YEARS)
1.01
1.1
2
5
10
20
50
100
200
WILLETS PT. N.Y.
DEC
STORM SURGE (FEET)
5.0
4.0
3.0
2.0
1.0
.001
.01
.1
.3
.5
.7
.8
.9
.95
.98
.99
.995
FREQUENCY OF OCCURRENCE
-2.0
-1.0
0.0
1.0
2.0
3.0
4.0
5.0
6.0
REDUCED VARIATE

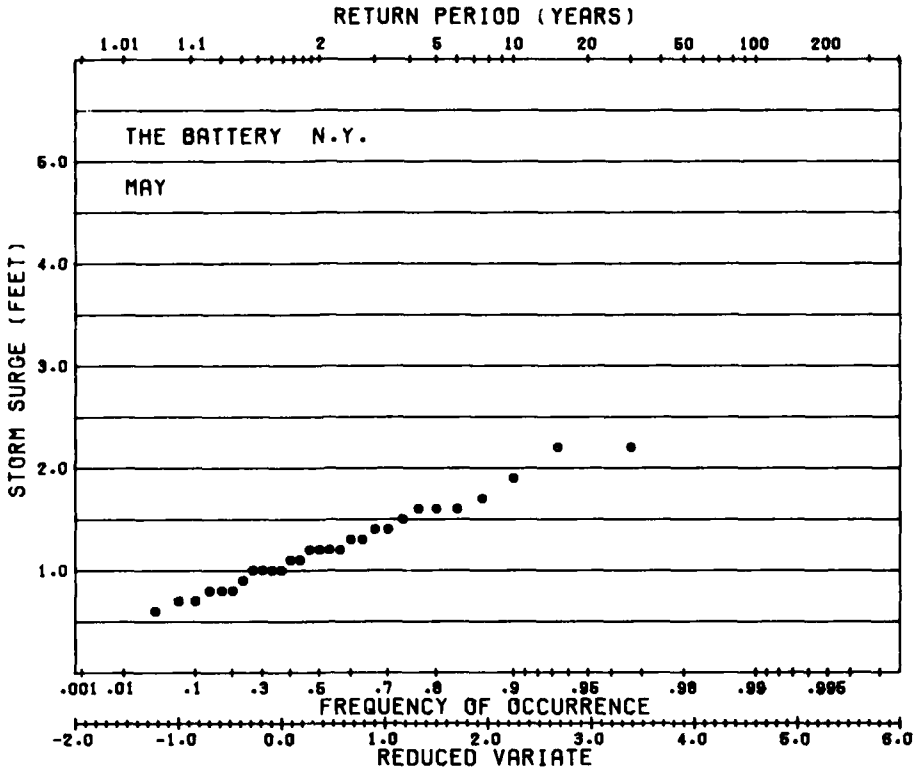

RETURN PERIOD (YEARS)
1.01
1.1
2
5
10
20
50
100
200
THE BATTERY N.Y.
YEAR
STORM SURGE (FEET)
7.0
6.0
5.0
4.0
3.0
.001
.01
.1
.3
.5
.7
.8
.9
.95
.98
.99
.995
FREQUENCY OF OCCURRENCE
-2.0
-1.0
0.0
1.0
2.0
3.0
4.0
5.0
6.0
REDUCED VARIATE

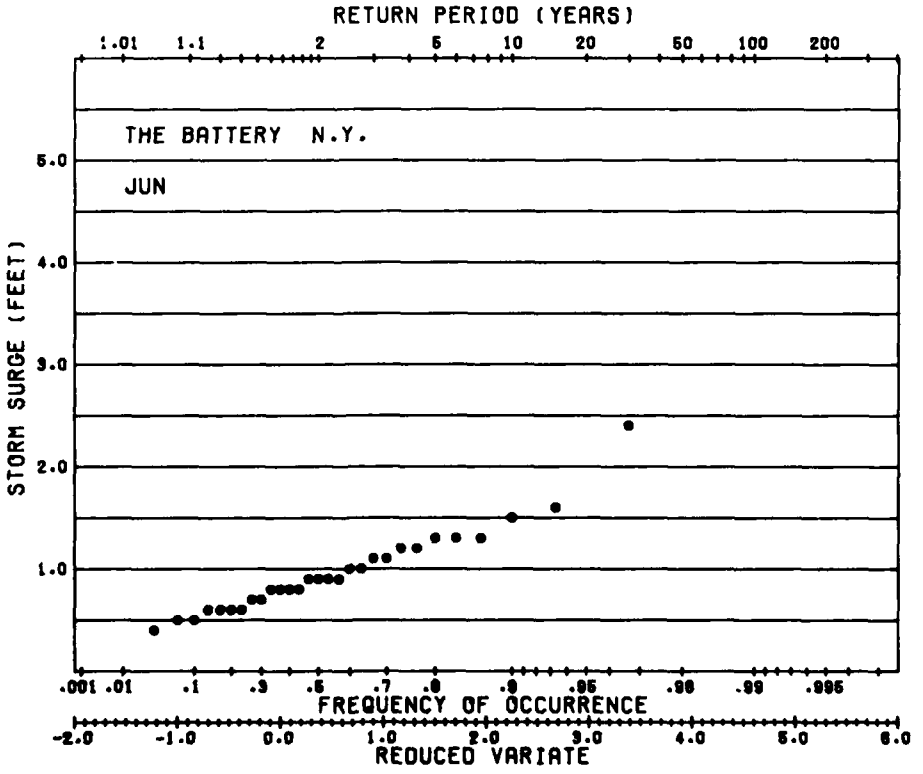

RETURN PERIOD (YEARS)
1.01
1.1
2
5
10
20
50
100
200
THE BATTERY N.Y.
JAN
STORM SURGE (FEET)
1.0
2.0
3.0
4.0
5.0
.001
.01
.1
.3
.5
.7
.8
.9
.95
.98
.99
.995
FREQUENCY OF OCCURRENCE
-2.0
-1.0
0.0
1.0
2.0
3.0
4.0
5.0
6.0
REDUCED VARIATE

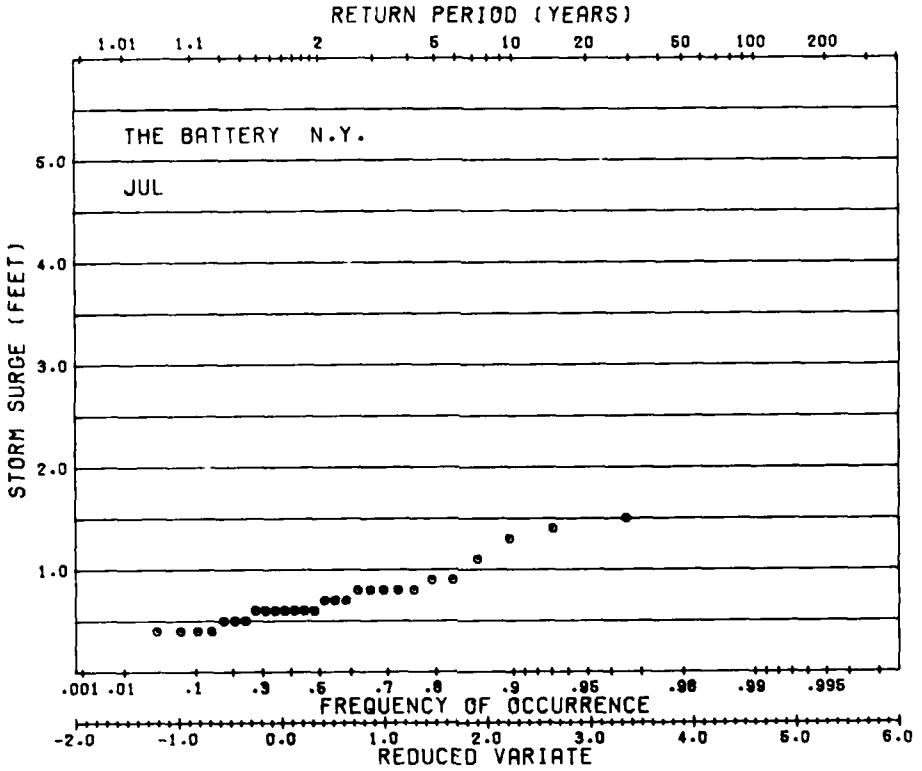

RETURN PERIOD (YEARS)
1.01
1.1
2
5
10
20
50
100
200
THE BATTERY N.Y.
FEB
STORM SURGE (FEET)
1.0
2.0
3.0
4.0
5.0
.001
.01
.1
.3
.5
.7
.8
.9
.95
.98
.99
.995
FREQUENCY OF OCCURRENCE
-2.0
-1.0
0.0
1.0
2.0
3.0
4.0
5.0
6.0
REDUCED VARIATE

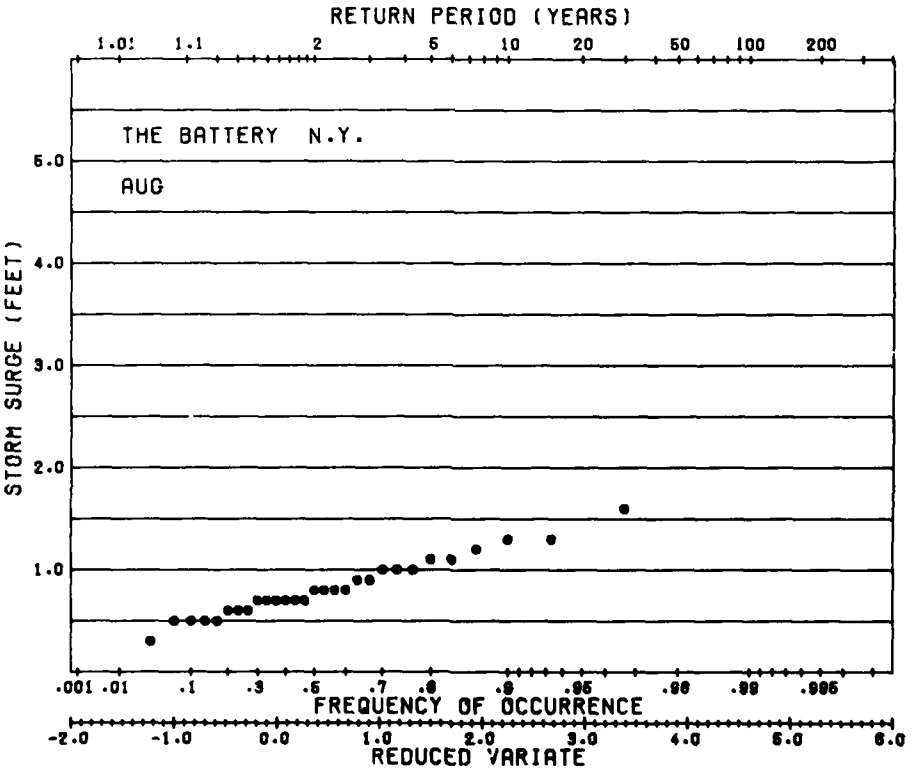

RETURN PERIOD (YEARS)
1.01
1.1
2
5
10
20
50
100
200
THE BATTERY N.Y.
MAR
STORM SURGE (FEET)
5.0
4.0
3.0
2.0
1.0
.001
.01
.1
.3
.5
.7
.8
.9
.95
.98
.99
.995
FREQUENCY OF OCCURRENCE
-2.0
-1.0
0.0
1.0
2.0
3.0
4.0
5.0
6.0
REDUCED VARIATE

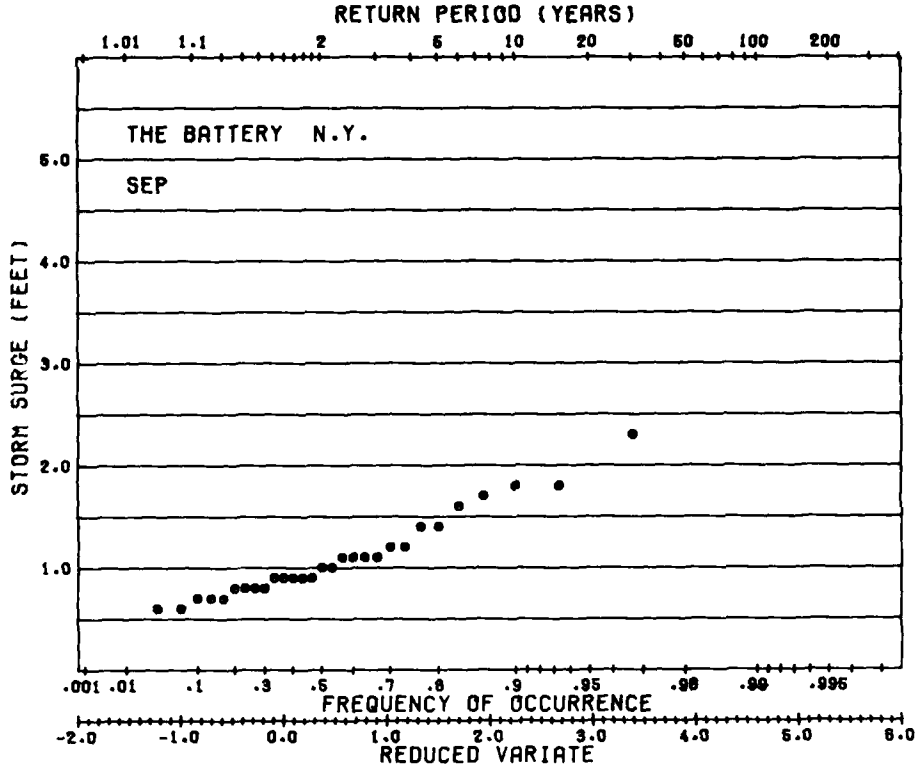

RETURN PERIOD (YEARS)
1.01
1.1
2
5
10
20
50
100
200
THE BATTERY N.Y.
APR
STORM SURGE (FEET)
5.0
4.0
3.0
2.0
1.0
.001
.01
.1
.3
.5
.7
.8
.9
.95
.98
.99
.995
FREQUENCY OF OCCURRENCE
-2.0
-1.0
0.0
1.0
2.0
3.0
4.0
5.0
6.0
REDUCED VARIATE

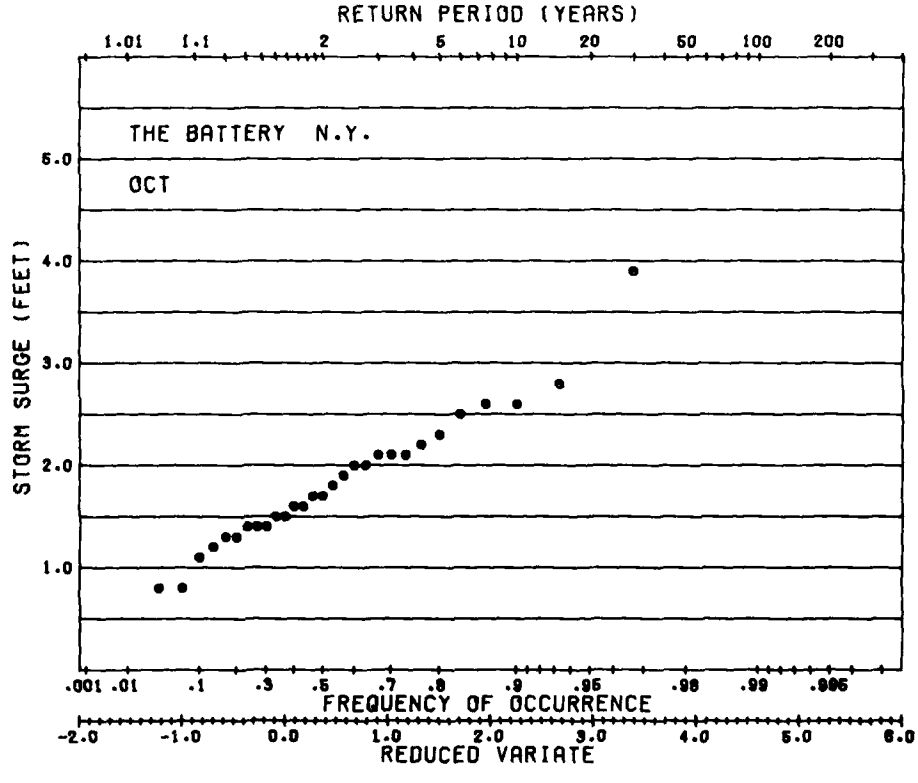

RETURN PERIOD (YEARS)
1.01
1.1
2
5
10
20
50
100
200
THE BATTERY N.Y.
MAY
STORM SURGE (FEET)
6.0
4.0
3.0
2.0
1.0
.001
.01
.1
.3
.5
.7
.8
.9
.95
.98
.99
.995
FREQUENCY OF OCCURRENCE
-2.0
-1.0
0.0
1.0
2.0
3.0
4.0
5.0
6.0
REDUCED VARIATE

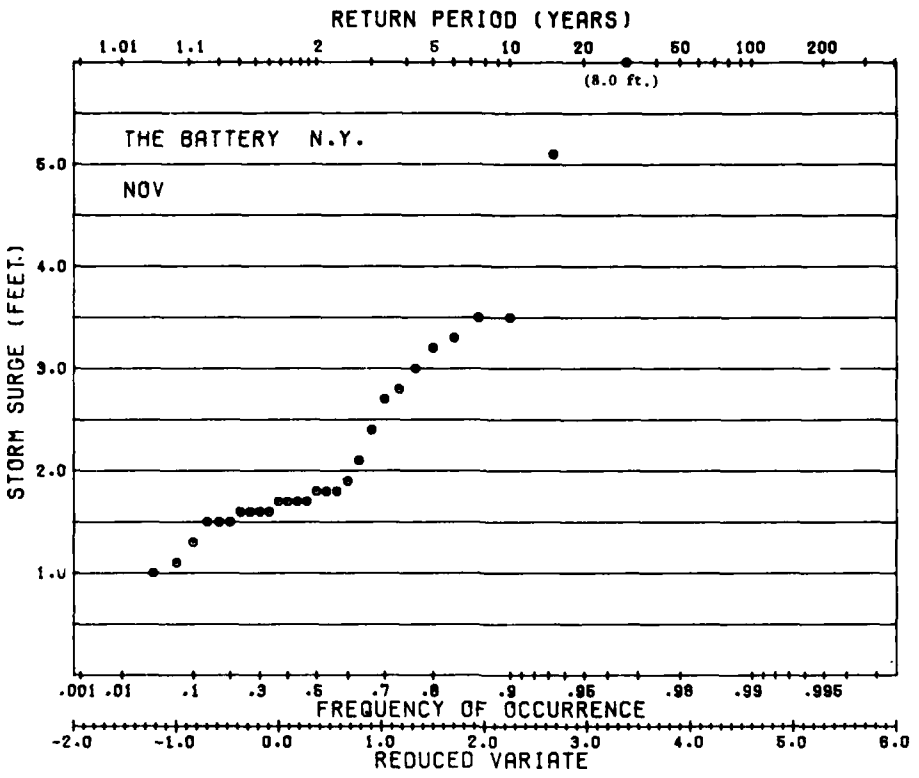

RETURN PERIOD (YEARS)
1.01
1.1
2
5
10
20
50
100
200
THE BATTERY N.Y.
JUN
STORM SURGE (FEET)
5.0
4.0
3.0
2.0
1.0
.001
.01
.1
.3
.5
.7
.8
.9
.95
.98
.99
.995
FREQUENCY OF OCCURRENCE
-2.0
-1.0
0.0
1.0
2.0
3.0
4.0
5.0
6.0
REDUCED VARIATE

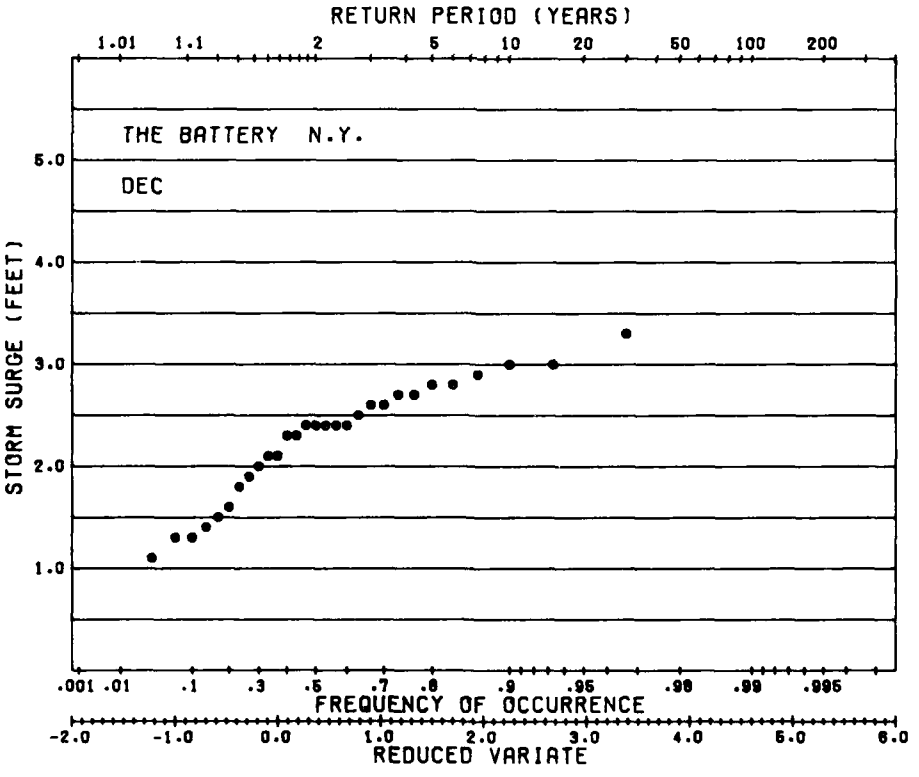

RETURN PERIOD (YEARS)
1.01
1.1
2
5
10
20
50
100
200
THE BATTERY N.Y.
JUL
STORM SURGE (FEET)
5.0
4.0
3.0
2.0
1.0
.001 .01 .1 .3 .5 .7 .8 .9 .95 .98 .99 .995
FREQUENCY OF OCCURRENCE
-2.0 -1.0 0.0 1.0 2.0 3.0 4.0 5.0 6.0
REDUCED VARIATE

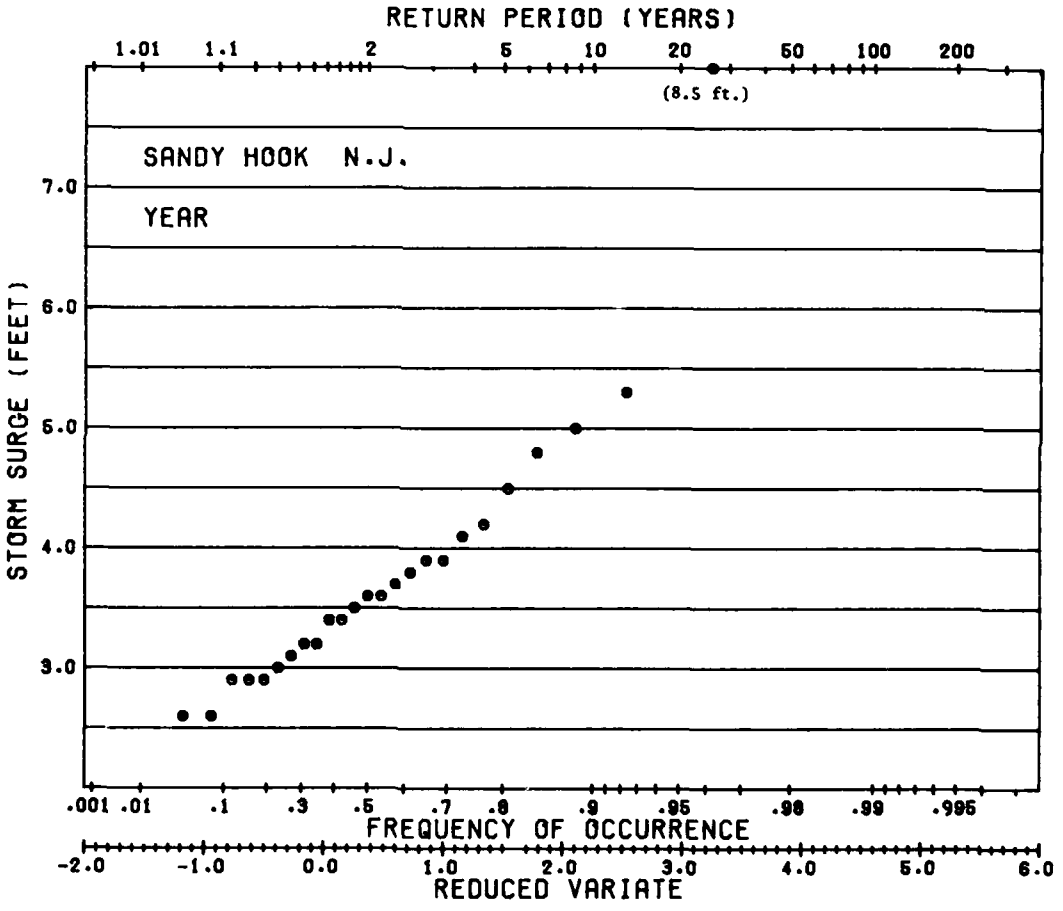

RETURN PERIOD (YEARS)
1.01
1.1
2
5
10
20
50
100
200
THE BATTERY N.Y.
AUG
STORM SURGE (FEET)
5.0
4.0
3.0
2.0
1.0
.001 .01 .1 .3 .5 .7 .8 .9 .95 .98 .99 .995
FREQUENCY OF OCCURRENCE
-2.0 -1.0 0.0 1.0 2.0 3.0 4.0 5.0 6.0
REDUCED VARIATE

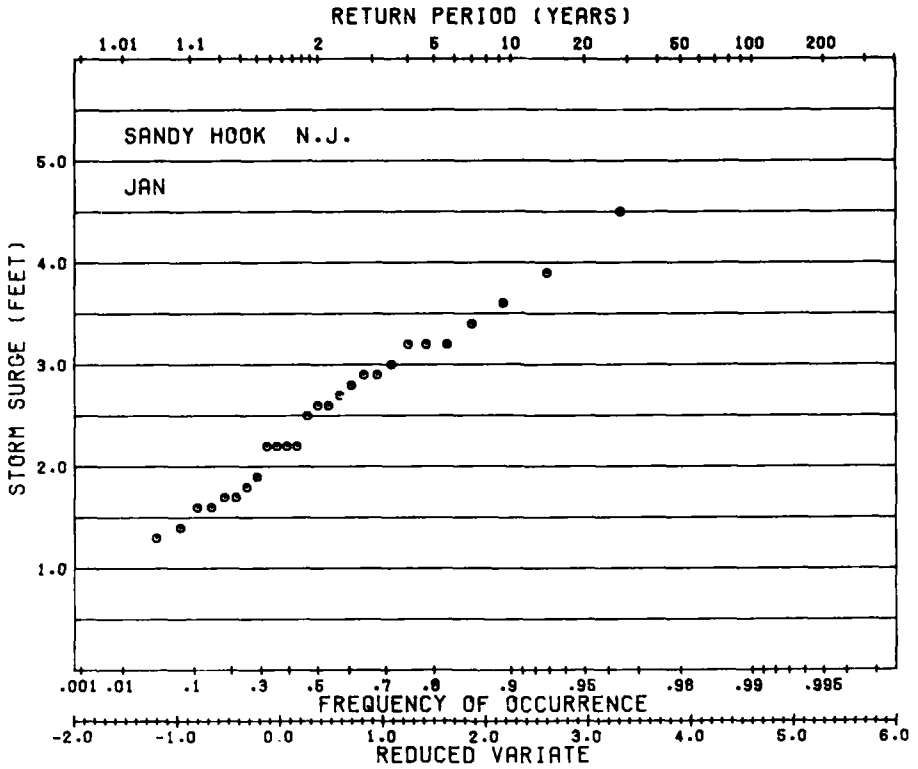

RETURN PERIOD (YEARS)
1.01
1.1
2
5
10
20
50
100
200
THE BATTERY N.Y.
SEP
STORM SURGE (FEET)
5.0
4.0
3.0
2.0
1.0
.001
.01
.1
.3
.5
.7
.8
.9
.95
.98
.99
.995
FREQUENCY OF OCCURRENCE
-2.0
-1.0
0.0
1.0
2.0
3.0
4.0
5.0
6.0
REDUCED VARIATE

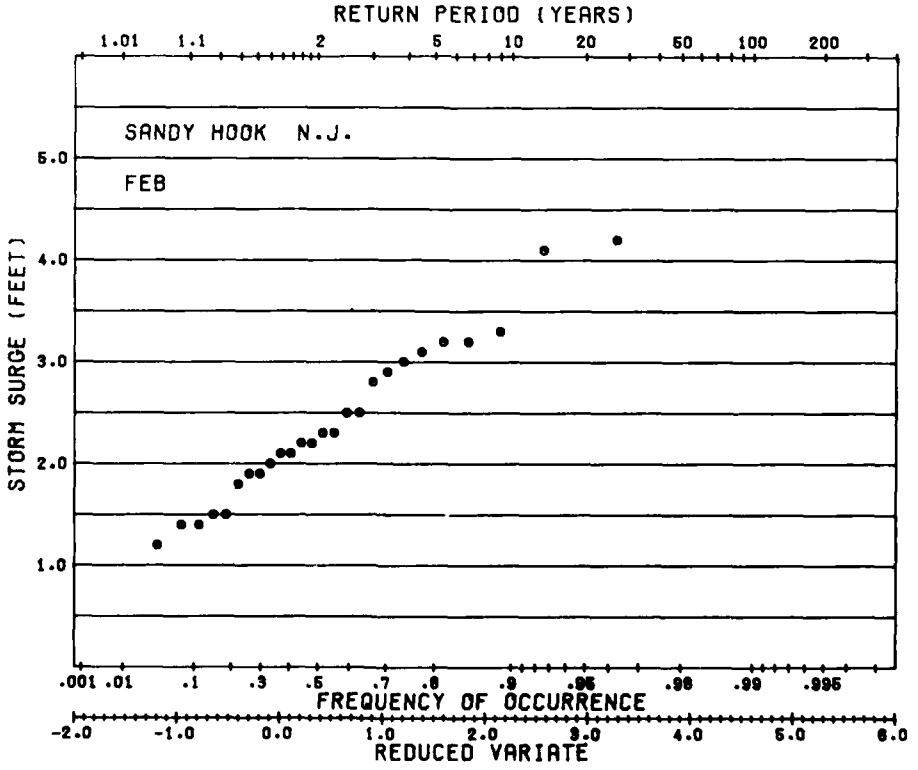

RETURN PERIOD (YEARS)
1.01
1.1
2
5
10
20
50
100
200
THE BATTERY N.Y.
OCT
STORM SURGE (FEET)
5.0
4.0
3.0
2.0
1.0
.001
.01
.1
.3
.5
.7
.8
.9
.95
.98
.99
.995
FREQUENCY OF OCCURRENCE
-2.0
-1.0
0.0
1.0
2.0
3.0
4.0
5.0
6.0
REDUCED VARIATE

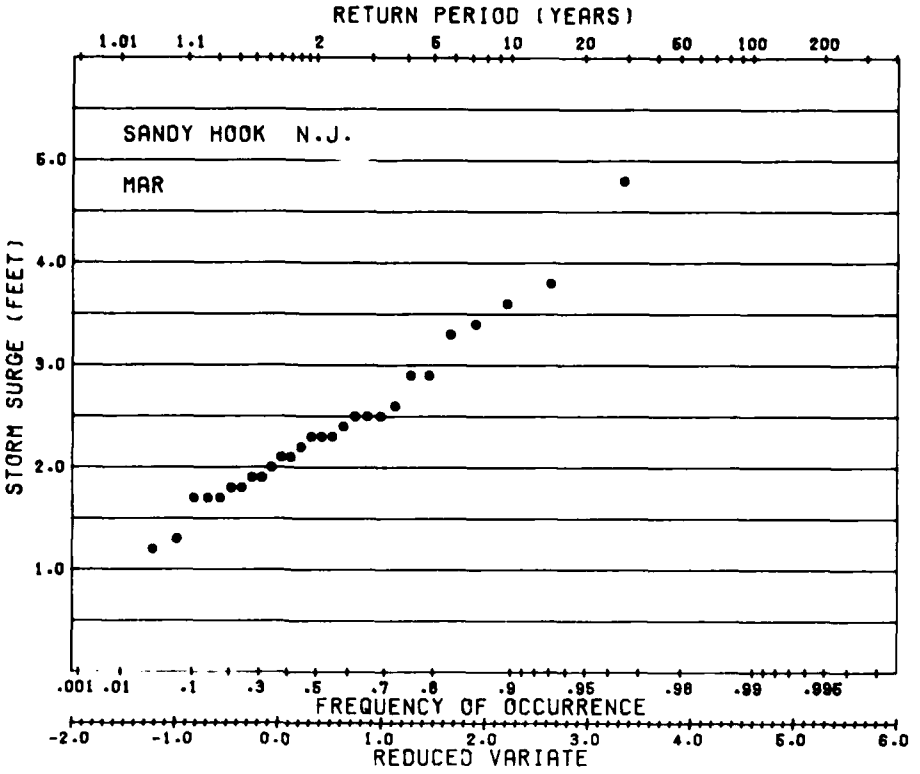

RETURN PERIOD (YEARS)
1.01
1.1
2
5
10
20
50
100
200
(8.0 ft.)
THE BATTERY N.Y.
NOV
STORM SURGE (FEET)
5.0
4.0
3.0
2.0
1.0
.001 .01 .1 .3 .5 .7 .8 .9 .95 .98 .99 .995
FREQUENCY OF OCCURRENCE
-2.0 -1.0 0.0 1.0 2.0 3.0 4.0 5.0 6.0
REDUCED VARIATE

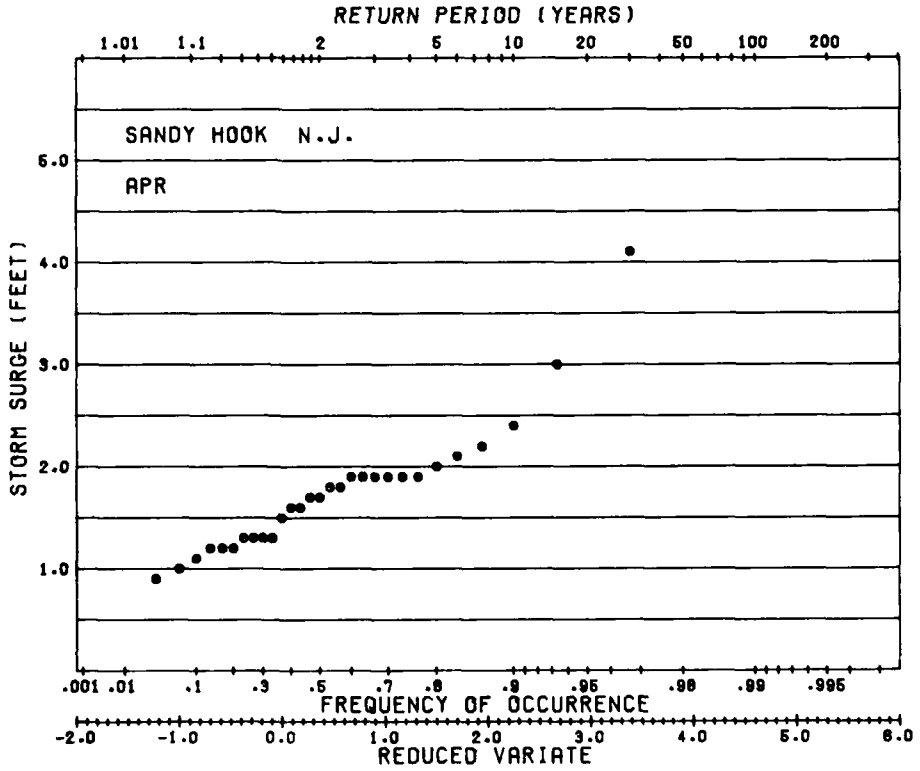

RETURN PERIOD (YEARS)
1.01
1.1
2
5
10
20
50
100
200
THE BATTERY N.Y.
DEC
STORM SURGE (FEET)
5.0
4.0
3.0
2.0
1.0
.001 .01 .1 .3 .5 .7 .8 .9 .95 .98 .99 .995
FREQUENCY OF OCCURRENCE
-2.0 -1.0 0.0 1.0 2.0 3.0 4.0 5.0 6.0
REDUCED VARIATE

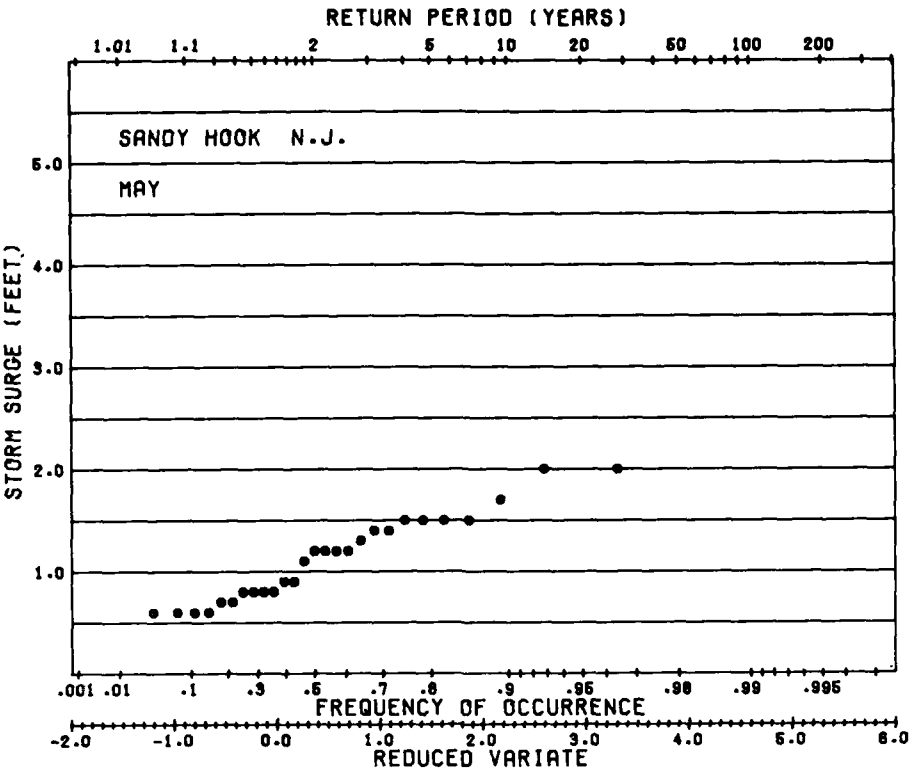

RETURN PERIOD (YEARS)
1.01
1.1
2
5
10
20
50
100
200
(8.5 ft.)
SANDY HOOK N.J.
YEAR
STORM SURGE (FEET)
7.0
6.0
5.0
4.0
3.0
.001
.01
.1
.3
.5
.7
.8
.9
.95
.98
.99
.995
FREQUENCY OF OCCURRENCE
-2.0
-1.0
0.0
1.0
2.0
3.0
4.0
5.0
6.0
REDUCED VARIATE

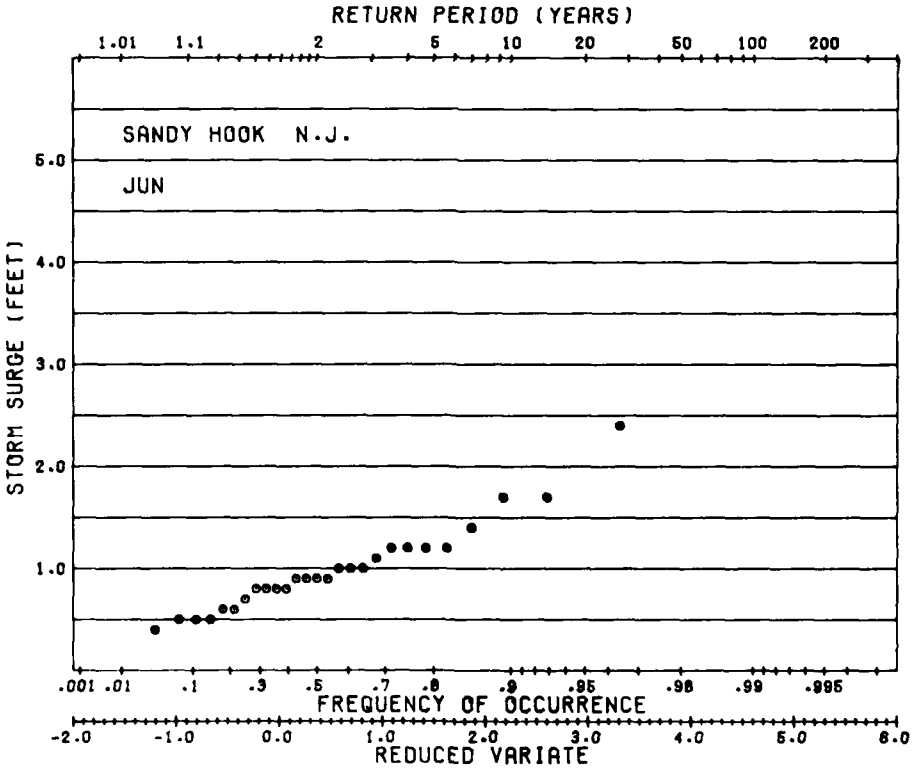

RETURN PERIOD (YEARS)
1.01
1.1
2
5
10
20
50
100
200
SANDY HOOK N.J.
JAN
STORM SURGE (FEET)
5.0
4.0
3.0
2.0
1.0
.001 .01 .1 .3 .5 .7 .8 .9 .95 .98 .99 .995
FREQUENCY OF OCCURRENCE
-2.0 -1.0 0.0 1.0 2.0 3.0 4.0 5.0 6.0
REDUCED VARIATE

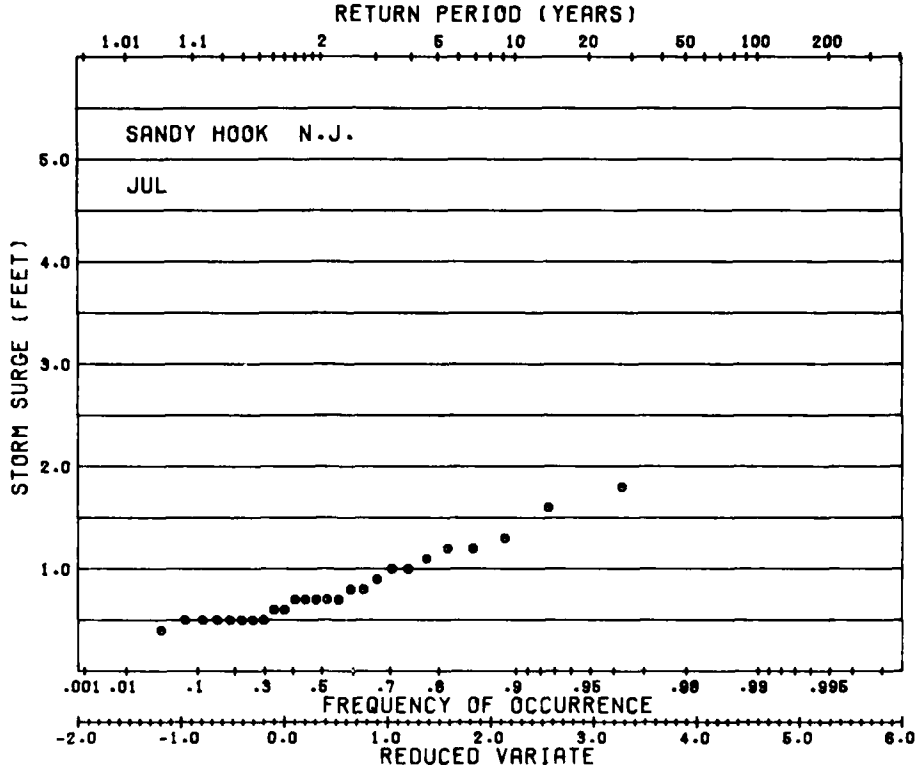

RETURN PERIOD (YEARS)
1.01
1.1
2
5
10
20
50
100
200
SANDY HOOK N.J.
FEB
STORM SURGE (FEET)
5.0
4.0
3.0
2.0
1.0
.001 .01 .1 .3 .5 .7 .8 .9 .95 .98 .99 .995
FREQUENCY OF OCCURRENCE
-2.0 -1.0 0.0 1.0 2.0 3.0 4.0 5.0 6.0
REDUCED VARIATE

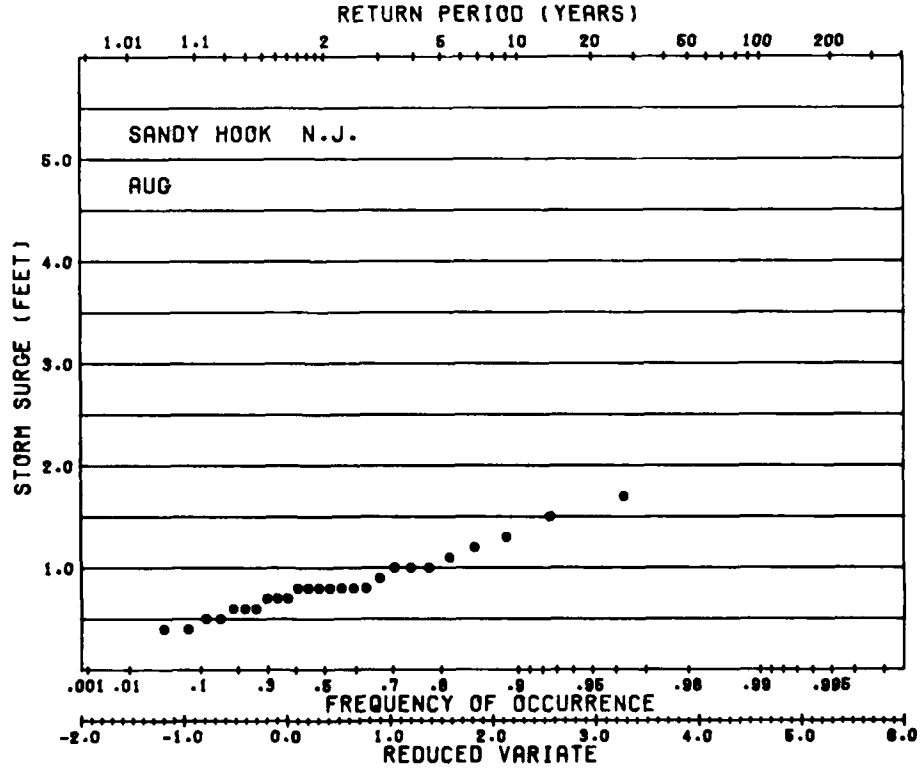

RETURN PERIOD (YEARS)
1.01
1.1
2
5
10
20
50
100
200
SANDY HOOK N.J.
MAR
STORM SURGE (FEET)
6.0
4.0
3.0
2.0
1.0
.001
.01
.1
.3
.5
.7
.8
.9
.95
.98
.99
.995
FREQUENCY OF OCCURRENCE
-2.0
-1.0
0.0
1.0
2.0
3.0
4.0
5.0
6.0
REDUCED VARIATE

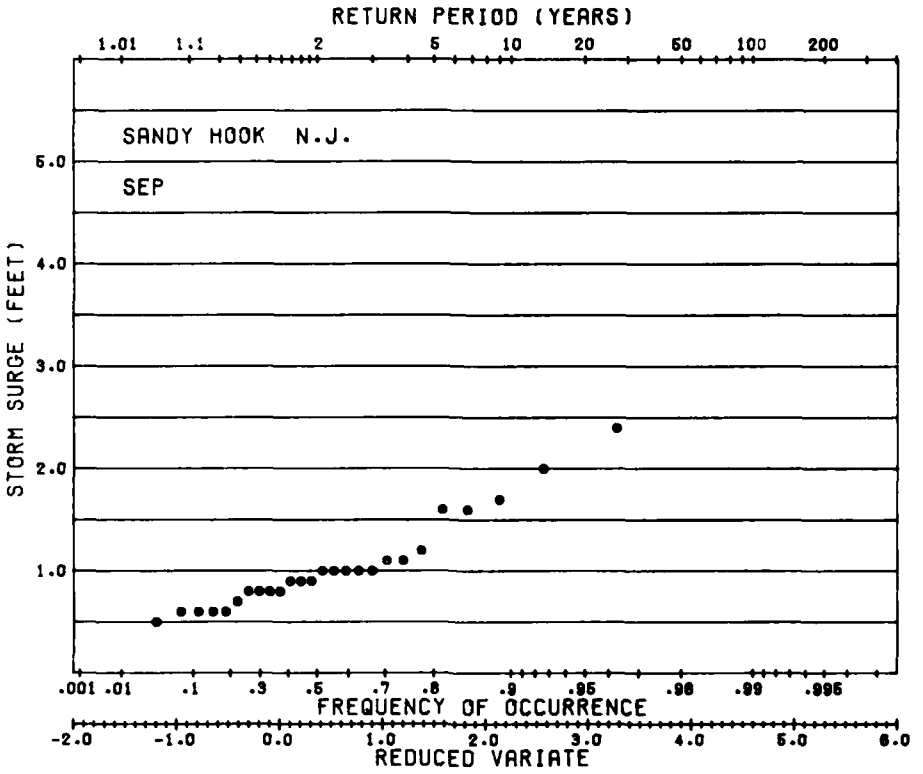

RETURN PERIOD (YEARS)
1.01
1.1
2
5
10
20
50
100
200
SANDY HOOK N.J.
APR
STORM SURGE (FEET)
6.0
4.0
3.0
2.0
1.0
.001
.01
.1
.3
.5
.7
.8
.9
.95
.98
.99
.995
FREQUENCY OF OCCURRENCE
-2.0
-1.0
0.0
1.0
2.0
3.0
4.0
5.0
6.0
REDUCED VARIATE

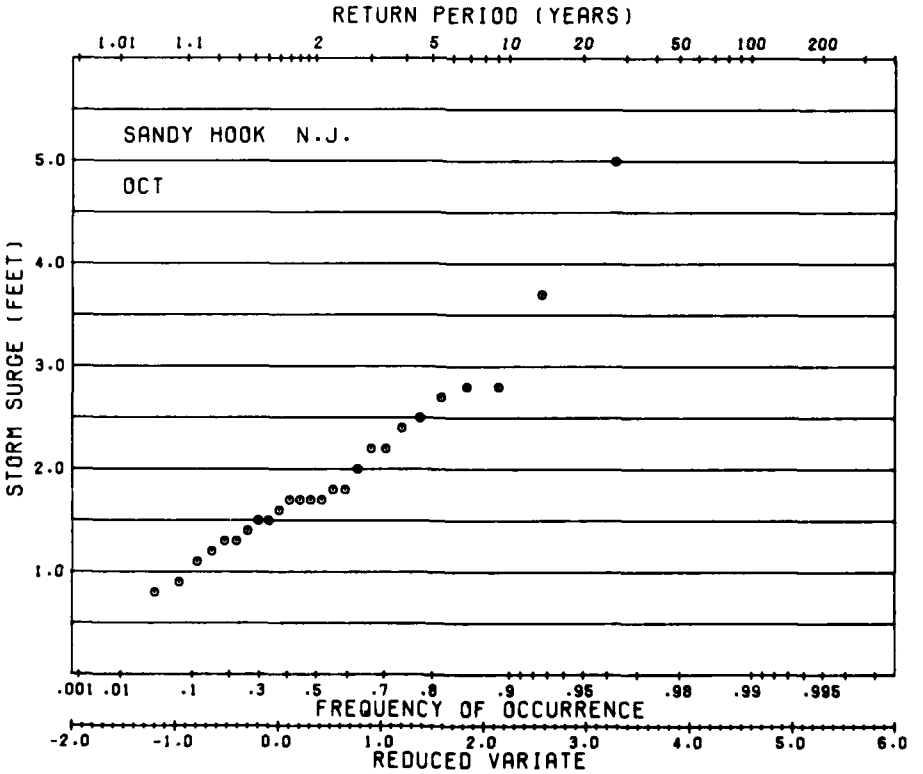

RETURN PERIOD (YEARS)
1.01
1.1
2
5
10
20
50
100
200
SANDY HOOK N.J.
MAY
STORM SURGE (FEET)
5.0
4.0
3.0
2.0
1.0
.001
.01
.1
.3
.5
.7
.8
.9
.95
.98
.99
.995
FREQUENCY OF OCCURRENCE
-2.0
-1.0
0.0
1.0
2.0
3.0
4.0
5.0
6.0
REDUCED VARIATE

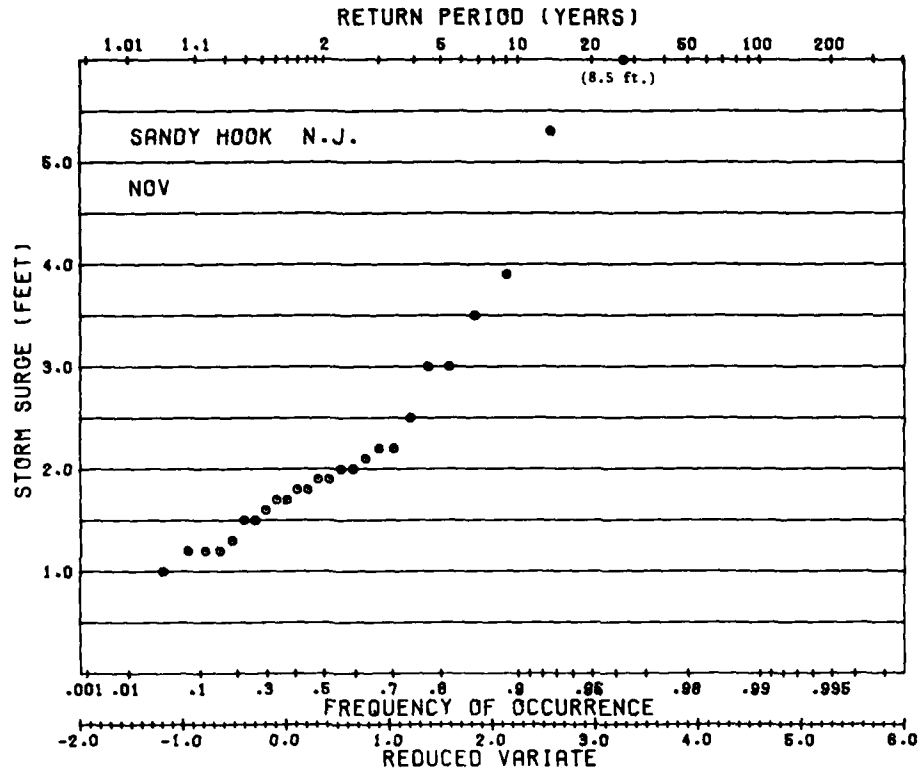

RETURN PERIOD (YEARS)
1.01
1.1
2
5
10
20
50
100
200
SANDY HOOK N.J.
JUN
STORM SURGE (FEET)
5.0
4.0
3.0
2.0
1.0
.001
.01
.1
.3
.5
.7
.8
.9
.95
.98
.99
.995
FREQUENCY OF OCCURRENCE
-2.0
-1.0
0.0
1.0
2.0
3.0
4.0
5.0
6.0
REDUCED VARIATE

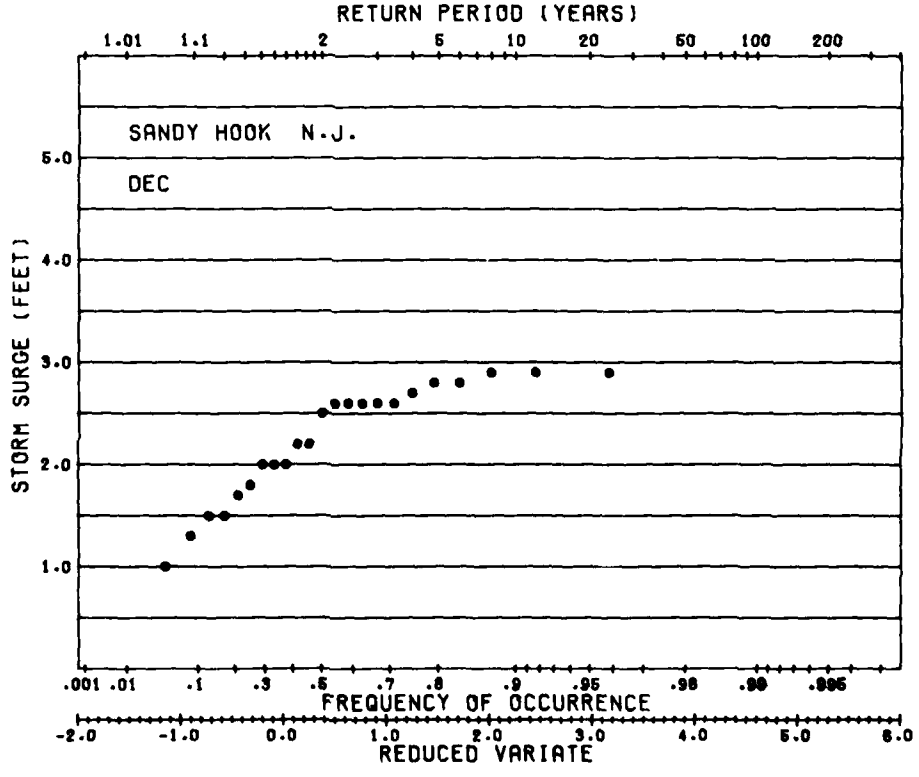

RETURN PERIOD (YEARS)
1.01
1.1
2
5
10
20
50
100
200
SANDY HOOK N.J.
JUL
STORM SURGE (FEET)
5.0
4.0
3.0
2.0
1.0
.001
.01
.1
.3
.5
.7
.8
.9
.95
.98
.99
.995
FREQUENCY OF OCCURRENCE
-2.0
-1.0
0.0
1.0
2.0
3.0
4.0
5.0
6.0
REDUCED VARIATE

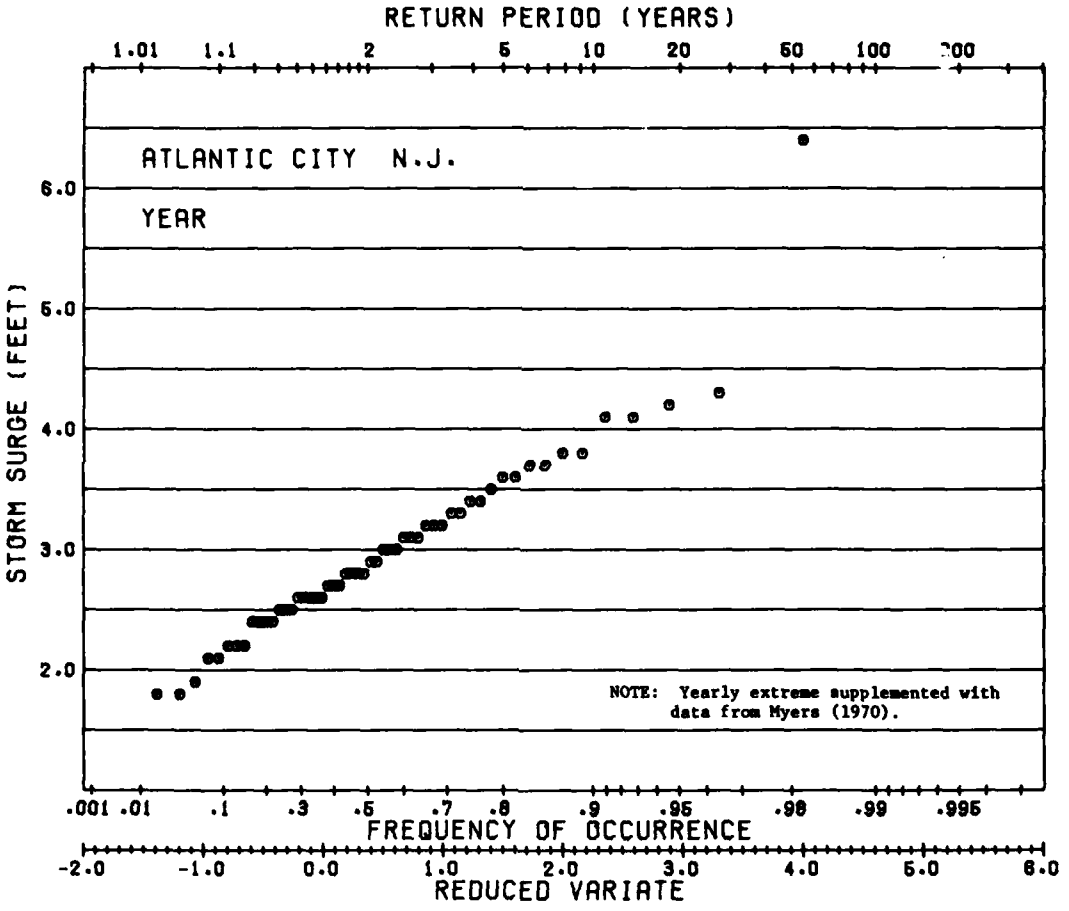

RETURN PERIOD (YEARS)
1.01
1.1
2
5
10
20
50
100
200
SANDY HOOK N.J.
AUG
STORM SURGE (FEET)
5.0
4.0
3.0
2.0
1.0
.001
.01
.1
.3
.5
.7
.8
.9
.95
.98
.99
.995
FREQUENCY OF OCCURRENCE
-2.0
-1.0
0.0
1.0
2.0
3.0
4.0
5.0
6.0
REDUCED VARIATE

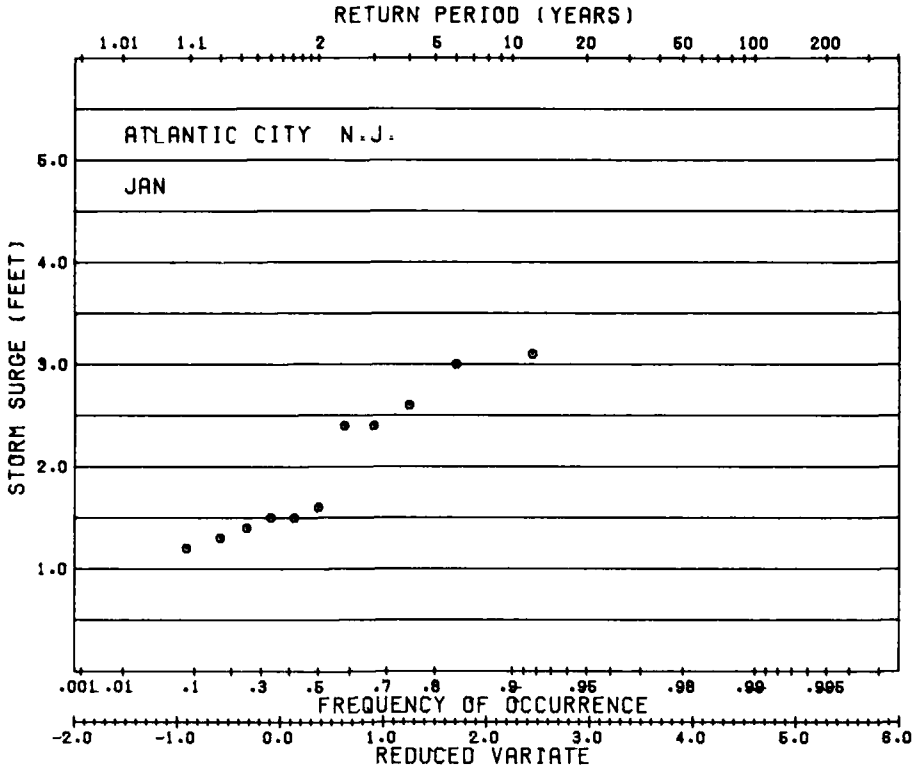

RETURN PERIOD (YEARS)
1.01
1.1
2
5
10
20
50
100
200
SANDY HOOK N.J.
SEP
STORM SURGE (FEET)
6.0
5.0
4.0
3.0
2.0
1.0
.001 .01 .1 .3 .5 .7 .8 .9 .95 .98 .99 .995
FREQUENCY OF OCCURRENCE
-2.0 -1.0 0.0 1.0 2.0 3.0 4.0 5.0 6.0
REDUCED VARIATE

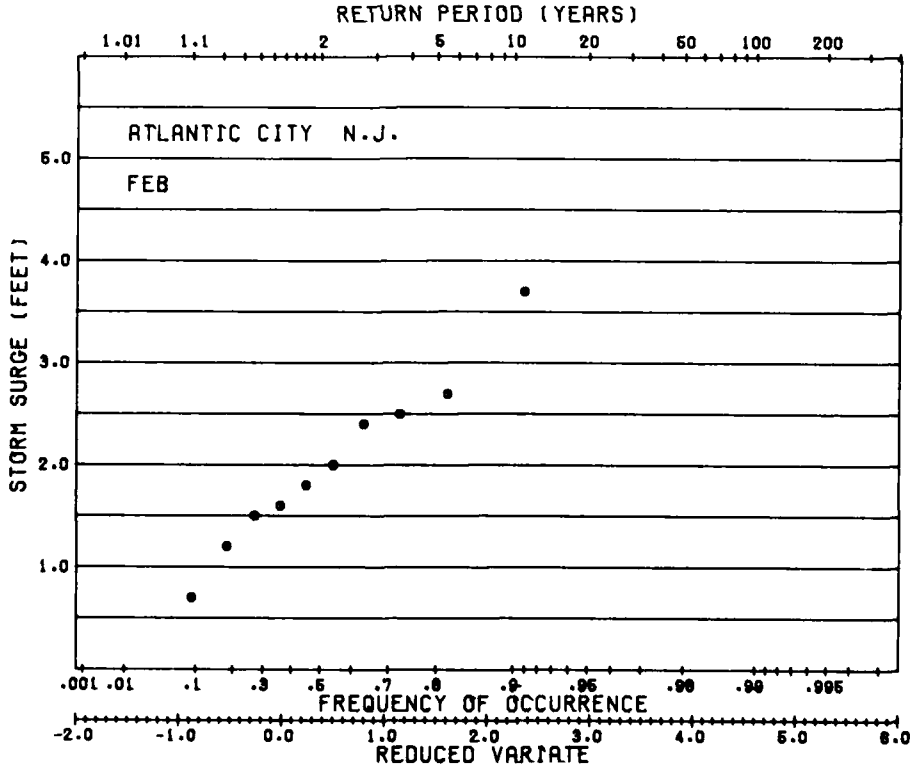

RETURN PERIOD (YEARS)
1.01
1.1
2
5
10
20
50
100
200
SANDY HOOK N.J.
OCT
STORM SURGE (FEET)
5.0
4.0
3.0
2.0
1.0
.001 .01 .1 .3 .5 .7 .8 .9 .95 .98 .99 .995
FREQUENCY OF OCCURRENCE
-2.0 -1.0 0.0 1.0 2.0 3.0 4.0 5.0 6.0
REDUCED VARIATE

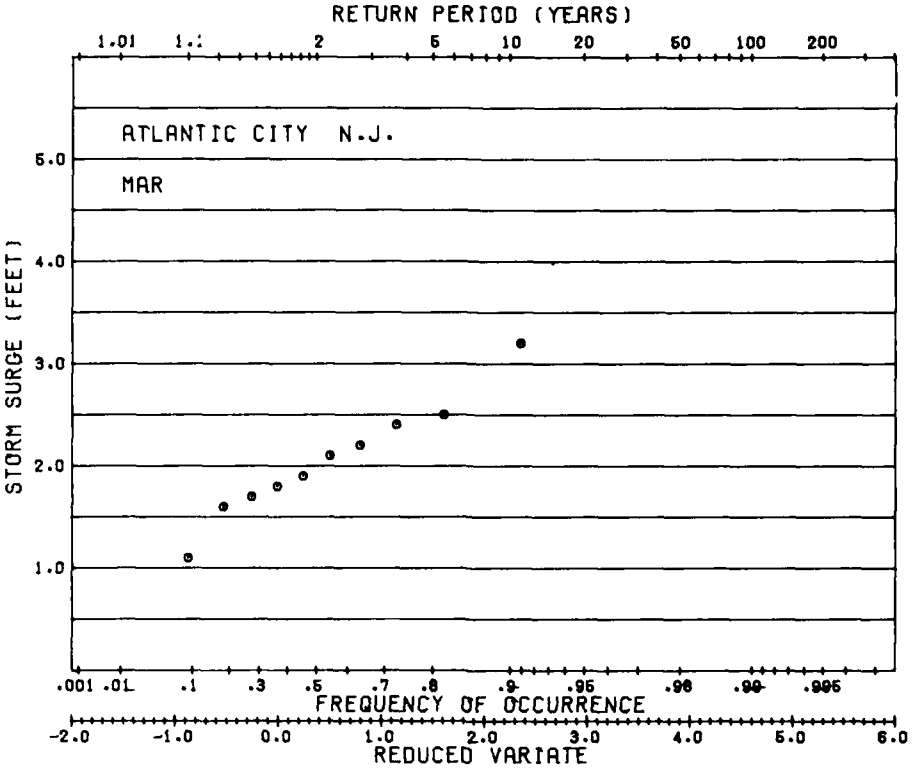

RETURN PERIOD (YEARS)
1.01
1.1
2
5
10
20
50
100
200
(8.5 ft.)
SANDY HOOK N.J.
NOV
STORM SURGE (FEET)
5.0
4.0
3.0
2.0
1.0
.001 .01 .1 .3 .5 .7 .8 .9 .95 .98 .99 .995
FREQUENCY OF OCCURRENCE
-2.0 -1.0 0.0 1.0 2.0 3.0 4.0 5.0 6.0
REDUCED VARIATE

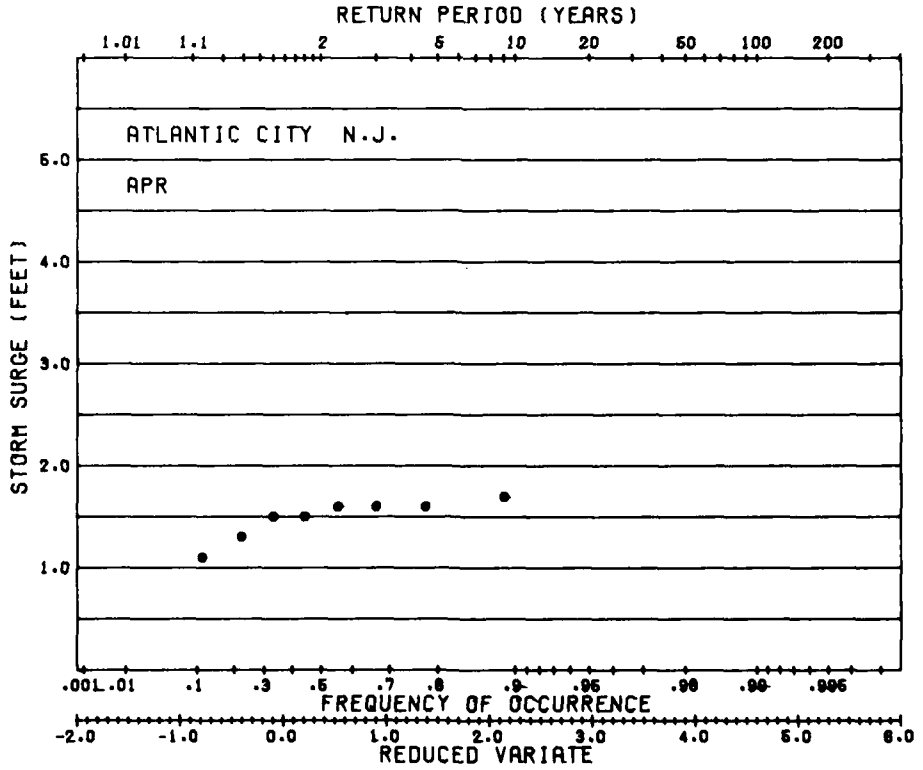

RETURN PERIOD (YEARS)
1.01
1.1
2
5
10
20
50
100
200
SANDY HOOK N.J.
DEC
STORM SURGE (FEET)
5.0
4.0
3.0
2.0
1.0
.001 .01 .1 .3 .5 .7 .8 .9 .95 .98 .99 .995
FREQUENCY OF OCCURRENCE
-2.0 -1.0 0.0 1.0 2.0 3.0 4.0 5.0 6.0
REDUCED VARIATE

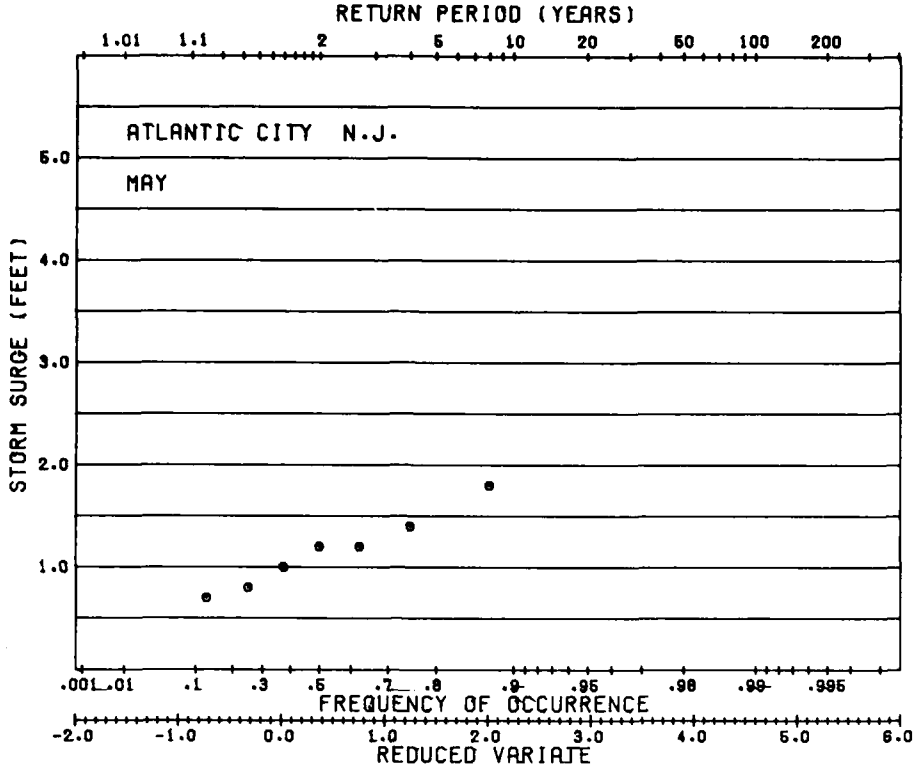

RETURN PERIOD (YEARS)
1.01
1.1
2
5
10
20
50
100
200
ATLANTIC CITY N.J.
YEAR
STORM SURGE (FEET)
6.0
5.0
4.0
3.0
2.0
NOTE: Yearly extreme supplemented with data from Myers (1970).
.001
.01
.1
.3
.5
.7
.8
.9
.95
.98
.99
.995
FREQUENCY OF OCCURRENCE
-2.0
-1.0
0.0
1.0
2.0
3.0
4.0
5.0
6.0
REDUCED VARIATE


RETURN PERIOD (YEARS)
1.01
1.1
2
5
10
20
50
100
200
ATLANTIC CITY N.J.
JAN
STORM SURGE (FEET)
5.0
4.0
3.0
2.0
1.0
.001
.01
.1
.3
.5
.7
.8
.9
.95
.98
.99
.995
FREQUENCY OF OCCURRENCE
-2.0
-1.0
0.0
1.0
2.0
3.0
4.0
5.0
6.0
REDUCED VARIATE


RETURN PERIOD (YEARS)
1.01
1.1
2
5
10
20
50
100
200
ATLANTIC CITY N.J.
FEB
STORM SURGE (FEET)
5.0
4.0
3.0
2.0
1.0
.001
.01
.1
.3
.5
.7
.8
.9
.95
.98
.99
.995
FREQUENCY OF OCCURRENCE
-2.0
-1.0
0.0
1.0
2.0
3.0
4.0
5.0
6.0
REDUCED VARIATE


RETURN PERIOD (YEARS)
1.01
1.1
2
5
10
20
50
100
200
ATLANTIC CITY N.J.
MAR
STORM SURGE (FEET)
5.0
4.0
3.0
2.0
1.0
.001
.01
.1
.3
.5
.7
.8
.9
.95
.98
.99
.995
FREQUENCY OF OCCURRENCE
-2.0
-1.0
0.0
1.0
2.0
3.0
4.0
5.0
6.0
REDUCED VARIATE


RETURN PERIOD (YEARS)
1.01
1.1
2
5
10
20
50
100
200
ATLANTIC CITY N.J.
APR
STORM SURGE (FEET)
6.0
4.0
3.0
2.0
1.0
.001
.01
.1
.3
.5
.7
.8
.9
.95
.98
.99
.995
FREQUENCY OF OCCURRENCE
-2.0
-1.0
0.0
1.0
2.0
3.0
4.0
5.0
6.0
REDUCED VARIATE


RETURN PERIOD (YEARS)
1.01
1.1
2
5
10
20
50
100
200
ATLANTIC CITY N.J.
MAY
STORM SURGE (FEET)
5.0
4.0
3.0
2.0
1.0
.001
.01
.1
.3
.5
.7
.8
.9
.95
.98
.99
.995
FREQUENCY OF OCCURRENCE
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-1.0
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1.0
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4.0
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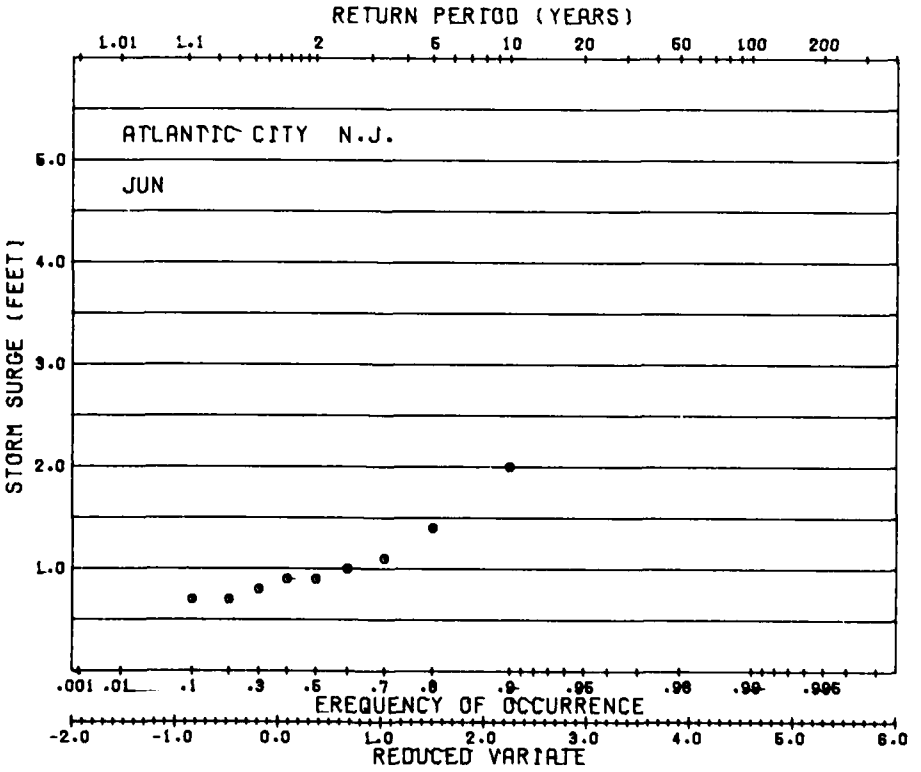
6.0
REDUCED VARIATE


RETURN PERIOD (YEARS)
1.01
1.1
2
5
10
20
50
100
200
ATLANTIC CITY N.J.
JUN
STORM SURGE (FEET)
5.0
4.0
3.0
2.0
1.0
.001
.01
.1
.3
.5
.7
.8
.9
.95
.98
.99
.995
FREQUENCY OF OCCURRENCE
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-1.0
0.0
1.0
2.0
3.0
4.0
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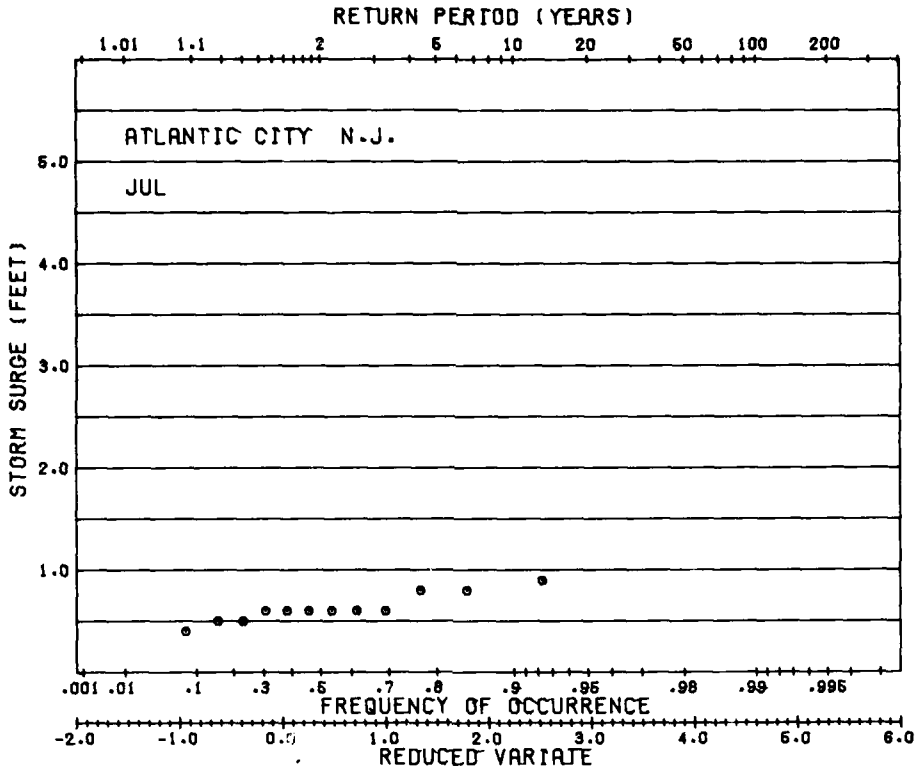
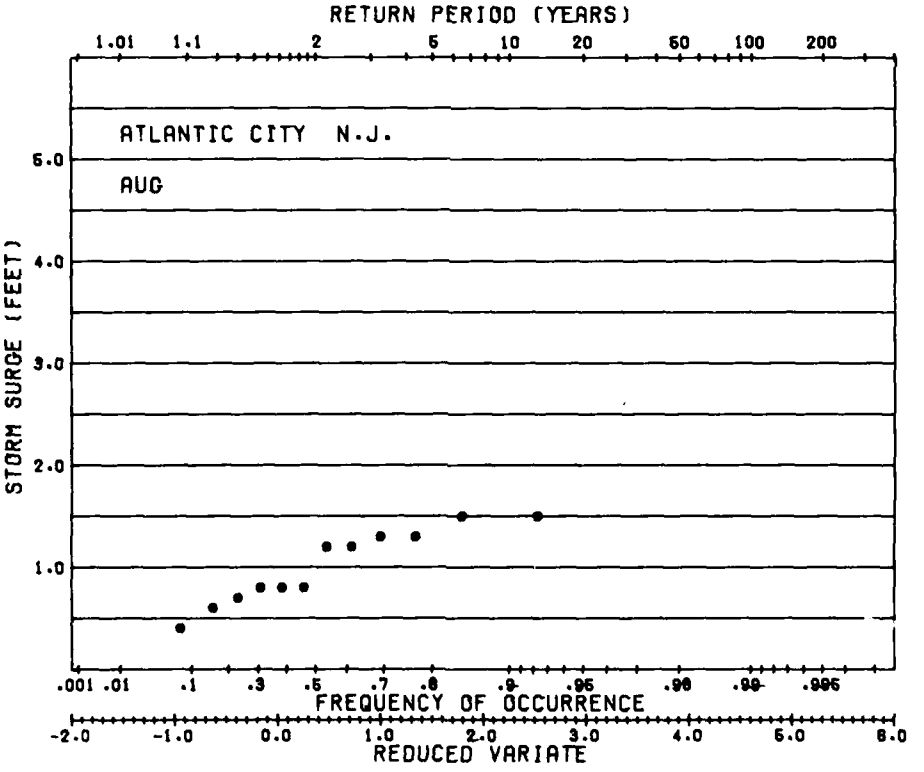
6.0
REDUCED VARIATE


RETURN PERIOD (YEARS)
1.01
1.1
2
5
10
20
50
100
200
ATLANTIC CITY N.J.
JUL
STORM SURGE (FEET)
6.0
5.0
4.0
3.0
2.0
1.0
.001
.01
.1
.3
.5
.7
.8
.9
.95
.98
.99
.995
FREQUENCY OF OCCURRENCE
-2.0
-1.0
0.0
1.0
2.0
3.0
4.0
5.0
6.0
REDUCED VARIATE


RETURN PERIOD (YEARS)
1.01
1.1
2
5
10
20
50
100
200
ATLANTIC CITY N.J.
AUG
STORM SURGE (FEET)
6.0
5.0
4.0
3.0
2.0
1.0
.001
.01
.1
.3
.5
.7
.8
.9
.95
.98
.99
.995
FREQUENCY OF OCCURRENCE
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-1.0
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1.0
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3.0
4.0
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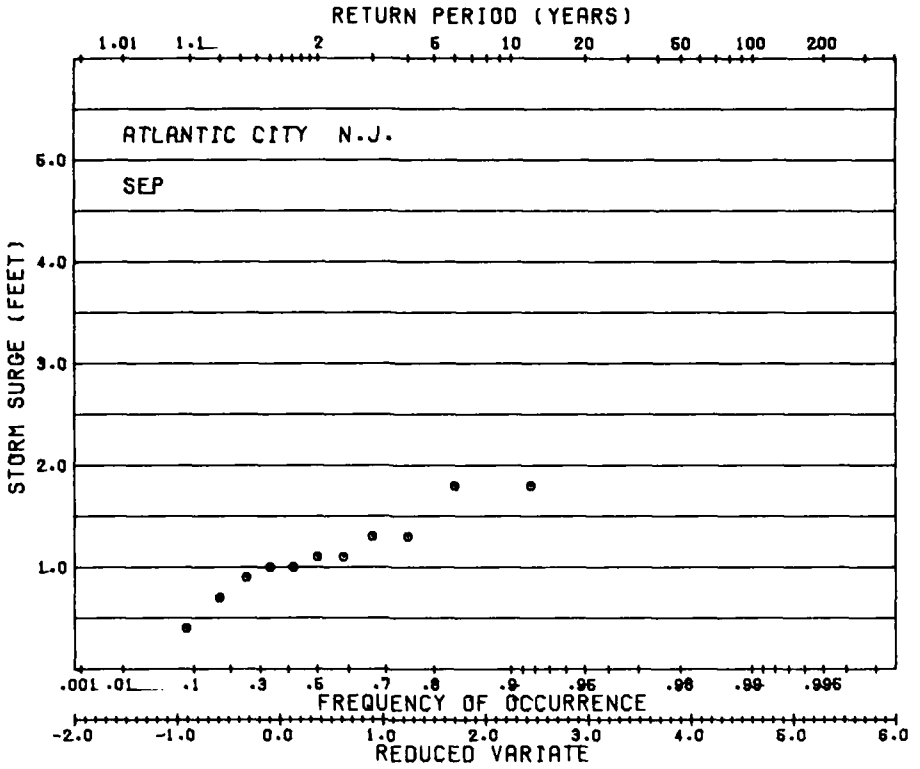
6.0
REDUCED VARIATE


RETURN PERIOD (YEARS)
1.01
1.1
2
5
10
20
50
100
200
ATLANTIC CITY N.J.
SEP
STORM SURGE (FEET)
5.0
4.0
3.0
2.0
1.0
.001
.01
.1
.3
.5
.7
.8
.9
.95
.98
.99
.995
FREQUENCY OF OCCURRENCE
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-1.0
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1.0
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4.0
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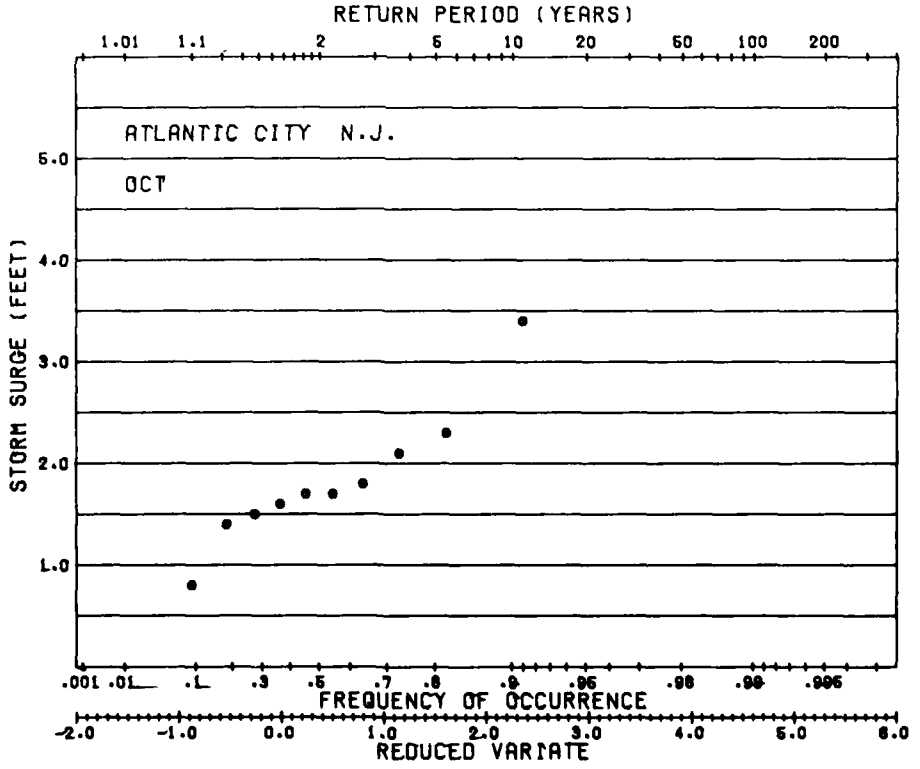
6.0
REDUCED VARIATE


RETURN PERIOD (YEARS)
1.01
1.1
2
5
10
20
50
100
200
ATLANTIC CITY N.J.
OCT
STORM SURGE (FEET)
5.0
4.0
3.0
2.0
1.0
.001
.01
.1
.3
.5
.7
.8
.9
.95
.98
.99
.995
FREQUENCY OF OCCURRENCE
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-1.0
0.0
1.0
2.0
3.0
4.0
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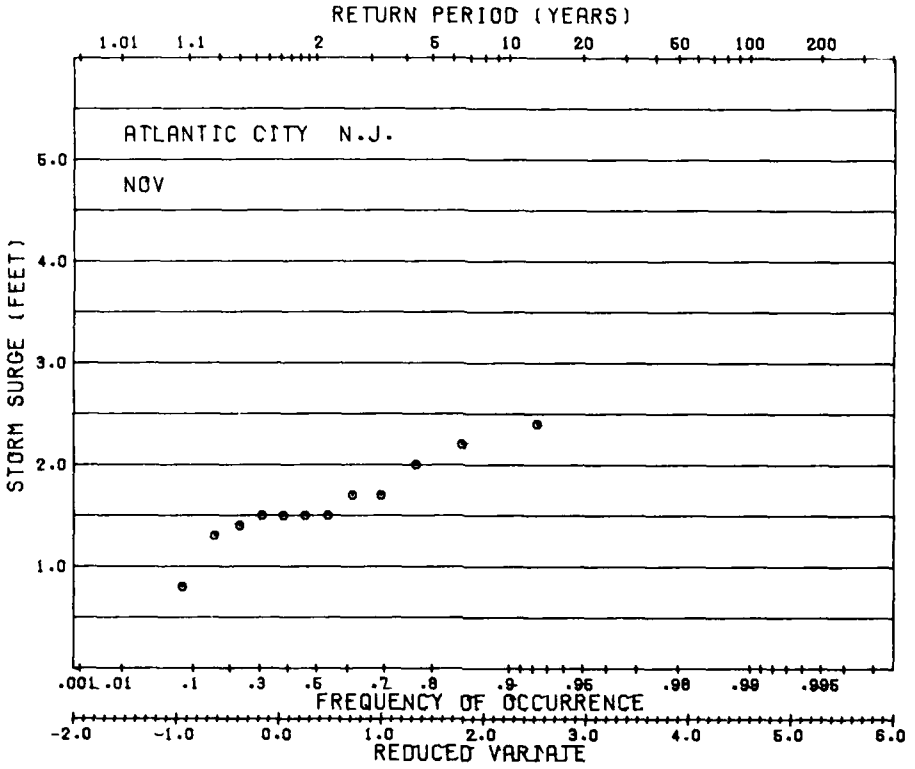
6.0
REDUCED VARIATE


RETURN PERIOD (YEARS)
1.01
1.1
2
5
10
20
50
100
200
ATLANTIC CITY N.J.
NOV
STORM SURGE (FEET)
5.0
4.0
3.0
2.0
1.0
.001
.01
.1
.3
.5
.7
.8
.9
.95
.98
.99
.995
FREQUENCY OF OCCURRENCE
-2.0
-1.0
0.0
1.0
2.0
3.0
4.0
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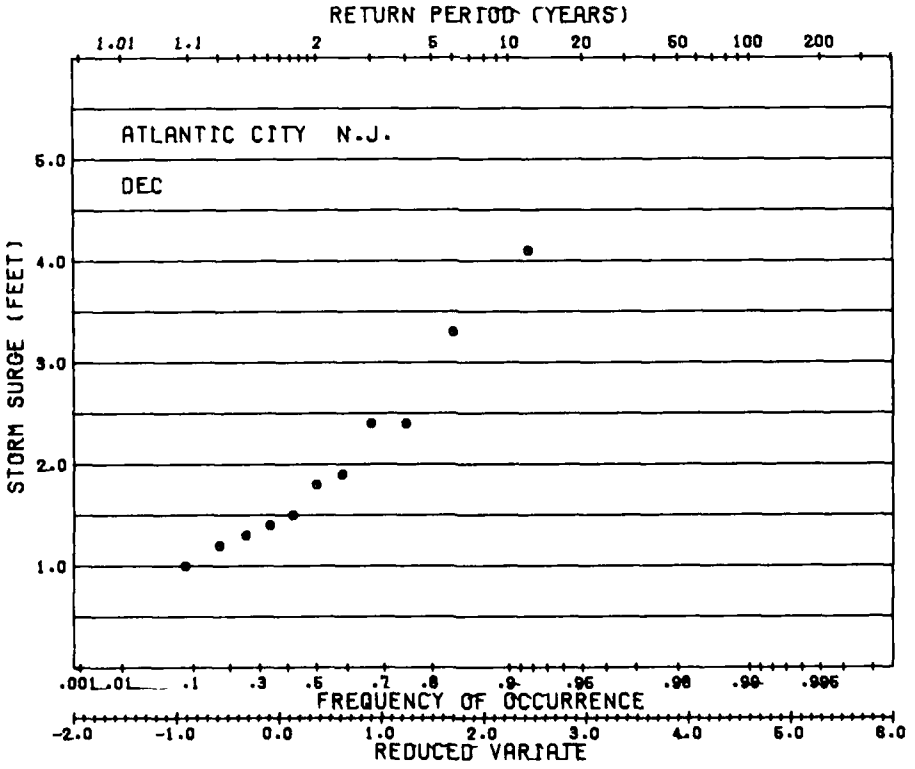
6.0
REDUCED VARIATE


RETURN PERIOD (YEARS)
1.01
1.1
2
5
10
20
50
100
200
ATLANTIC CITY N.J.
DEC
STORM SURGE (FEET)
5.0
4.0
3.0
2.0
1.0
.001
.01
.1
.3
.5
.7
.8
.9
.95
.98
.99
.995
FREQUENCY OF OCCURRENCE
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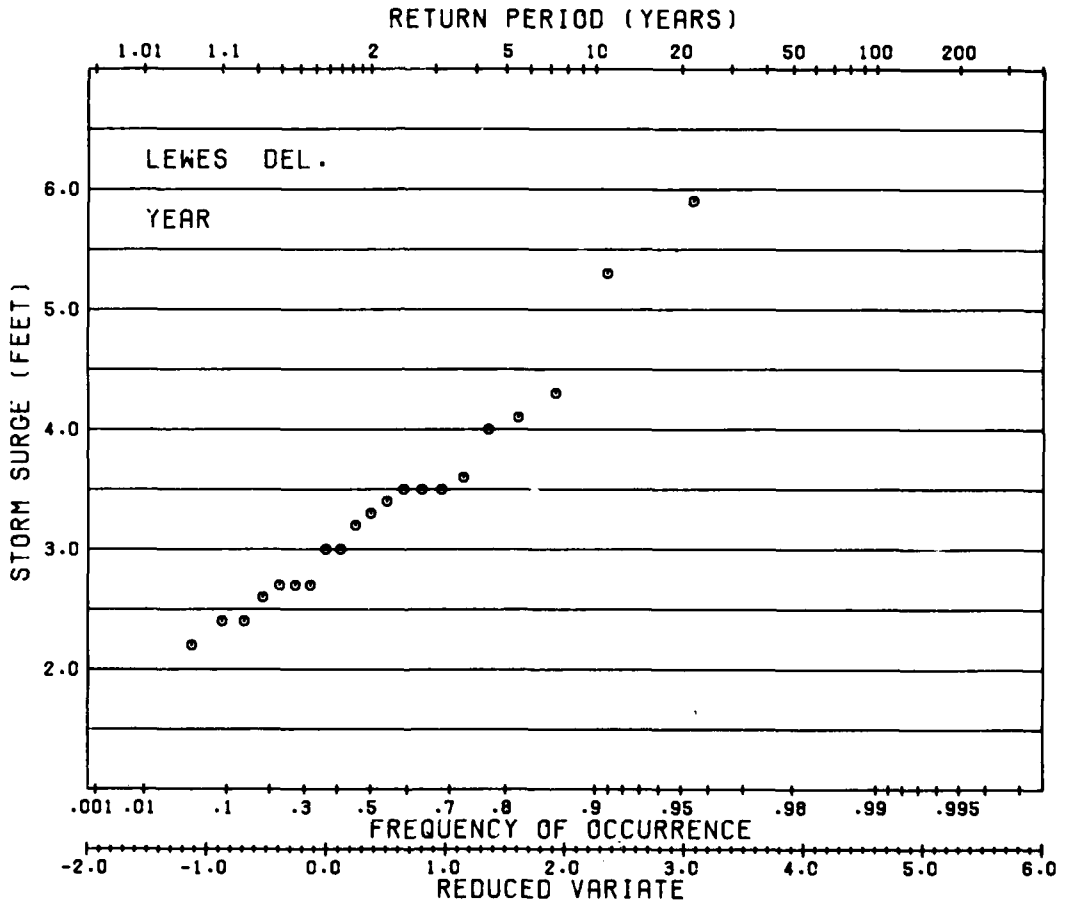
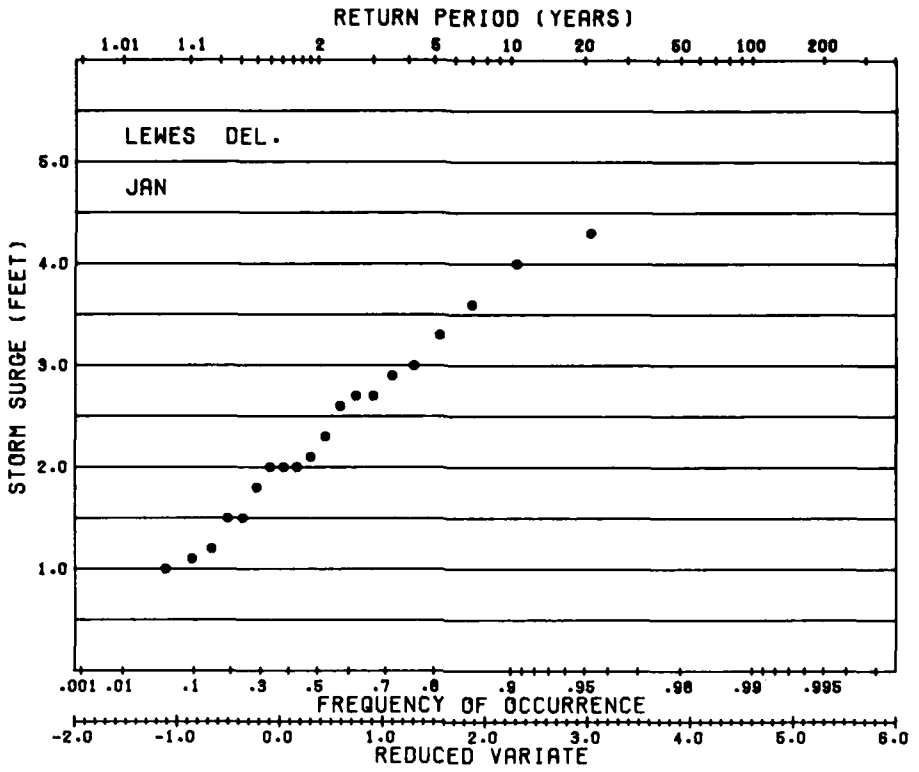
-1.0
0.0
1.0
2.0
3.0
4.0
5.0
6.0
REDUCED VARIATE


RETURN PERIOD (YEARS)
1.01
1.1
2
5
10
20
50
100
200
LEWES DEL.
YEAR
STORM SURGE (FEET)
6.0
5.0
4.0
3.0
2.0
.001
.01
.1
.3
.5
.7
.8
.9
.95
.98
.99
.995
FREQUENCY OF OCCURRENCE
-2.0
-1.0
0.0
1.0
2.0
3.0
4.0
5.0
6.0
REDUCED VARIATE


RETURN PERIOD (YEARS)
1.01
1.1
2
5
10
20
50
100
200
LEWES DEL.
JAN
STORM SURGE (FEET)
5.0
4.0
3.0
2.0
1.0
.001
.01
.1
.3
.5
.7
.8
.9
.95
.98
.99
.995
FREQUENCY OF OCCURRENCE
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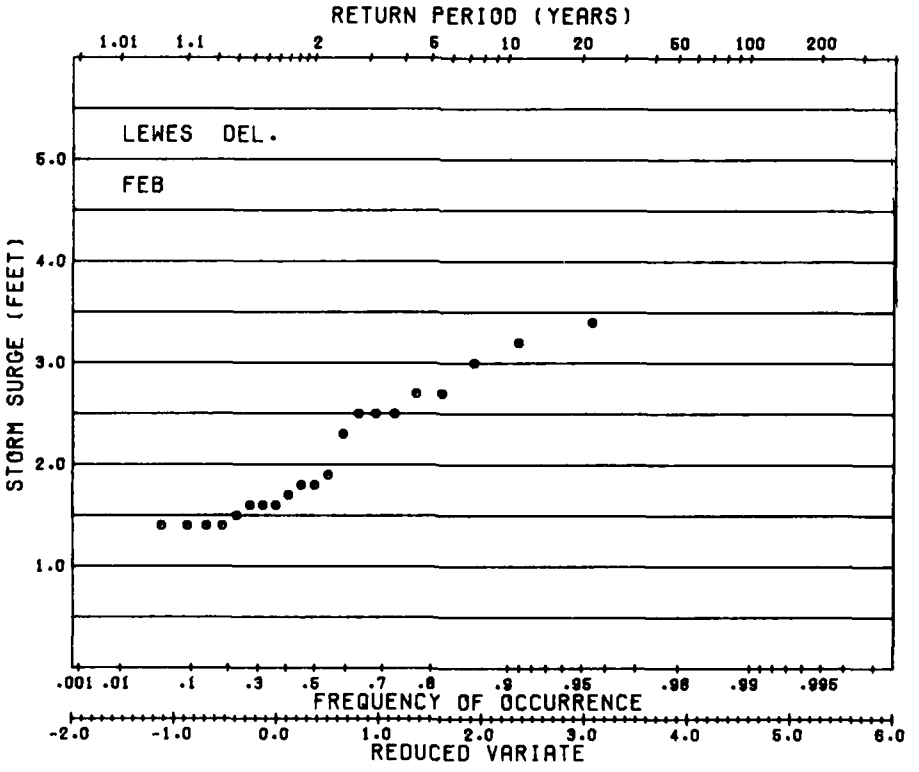
-1.0
0.0
1.0
2.0
3.0
4.0
5.0
6.0
REDUCED VARIATE


RETURN PERIOD (YEARS)
1.01
1.1
2
5
10
20
50
100
200
LEWES DEL.
FEB
STORM SURGE (FEET)
5.0
4.0
3.0
2.0
1.0
.001
.01
.1
.3
.5
.7
.8
.9
.95
.98
.99
.995
FREQUENCY OF OCCURRENCE
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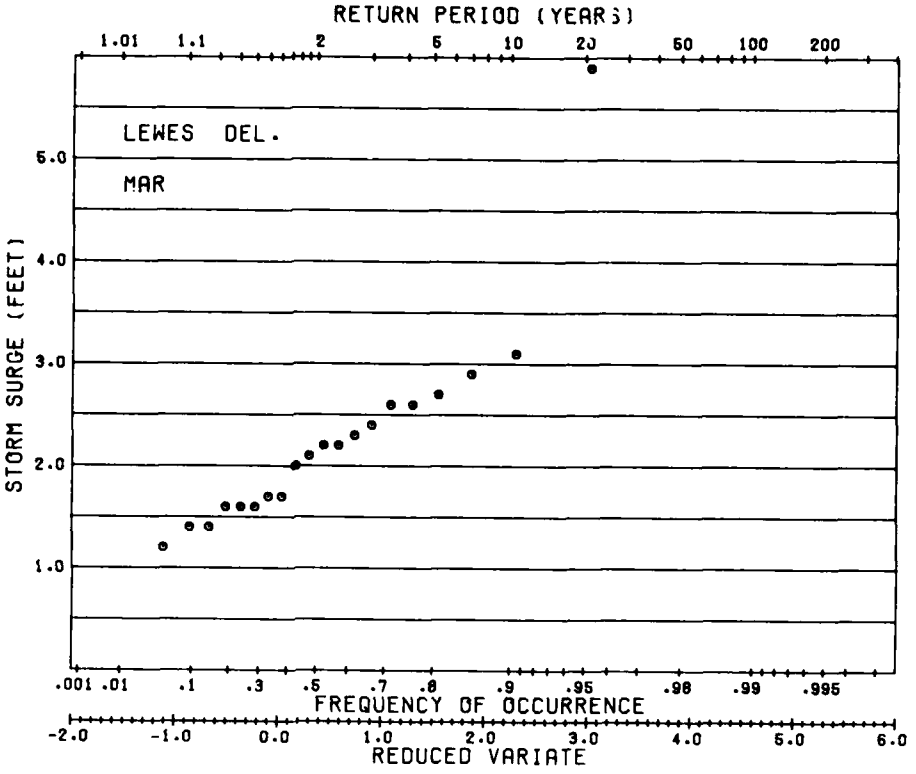
-1.0
0.0
1.0
2.0
3.0
4.0
5.0
6.0
REDUCED VARIATE


RETURN PERIOD (YEARS)
1.01
1.1
2
5
10
20
50
100
200
LEWES DEL.
MAR
STORM SURGE (FEET)
5.0
4.0
3.0
2.0
1.0
.001 .01 .1 .3 .5 .7 .8 .9 .95 .98 .99 .995
FREQUENCY OF OCCURRENCE
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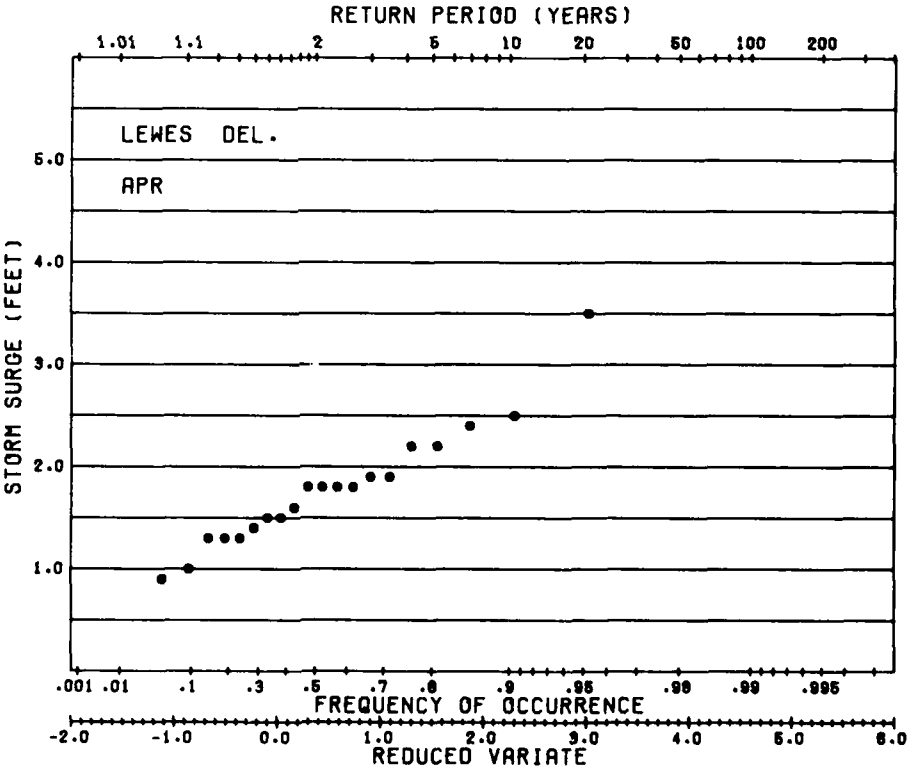
REDUCED VARIATE


RETURN PERIOD (YEARS)
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1.1
2
5
10
20
50
100
200
LEWES DEL.
APR
STORM SURGE (FEET)
5.0
4.0
3.0
2.0
1.0
.001 .01 .1 .3 .5 .7 .8 .9 .95 .98 .99 .995
FREQUENCY OF OCCURRENCE
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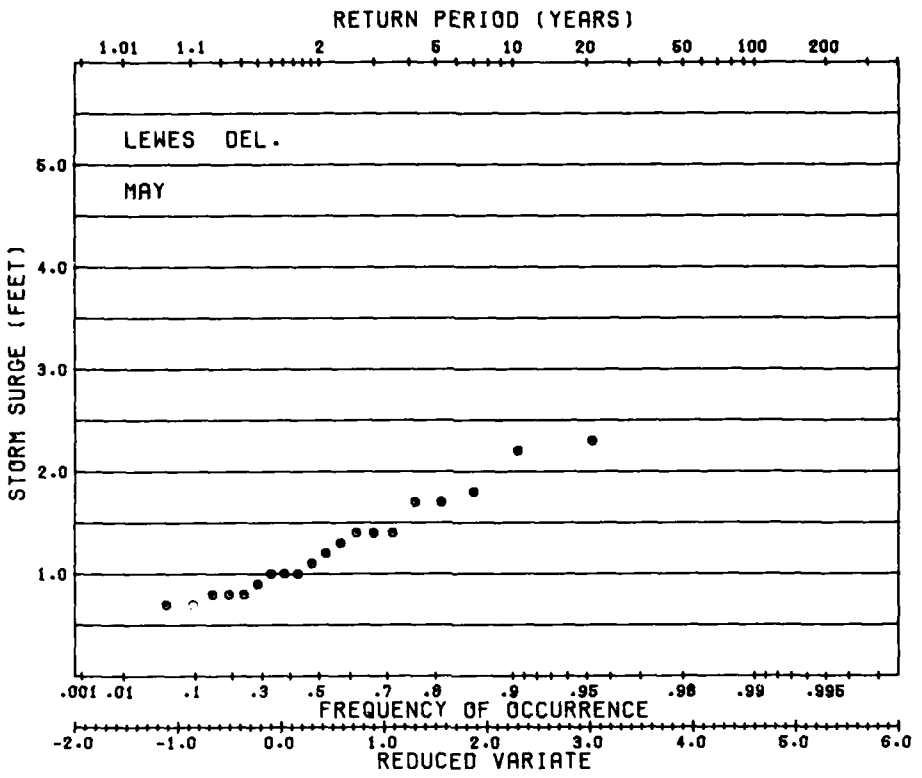
RETURN PERIOD (YEARS)
1.01
1.1
2
5
10
20
50
100
200
LEWES DEL.
MAY
STORM SURGE (FEET)
5.0
4.0
3.0
2.0
1.0
.001
.01
.1
.3
.5
.7
.8
.9
.95
.98
.99
.995
FREQUENCY OF OCCURRENCE
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-1.0
0.0
1.0
2.0
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4.0
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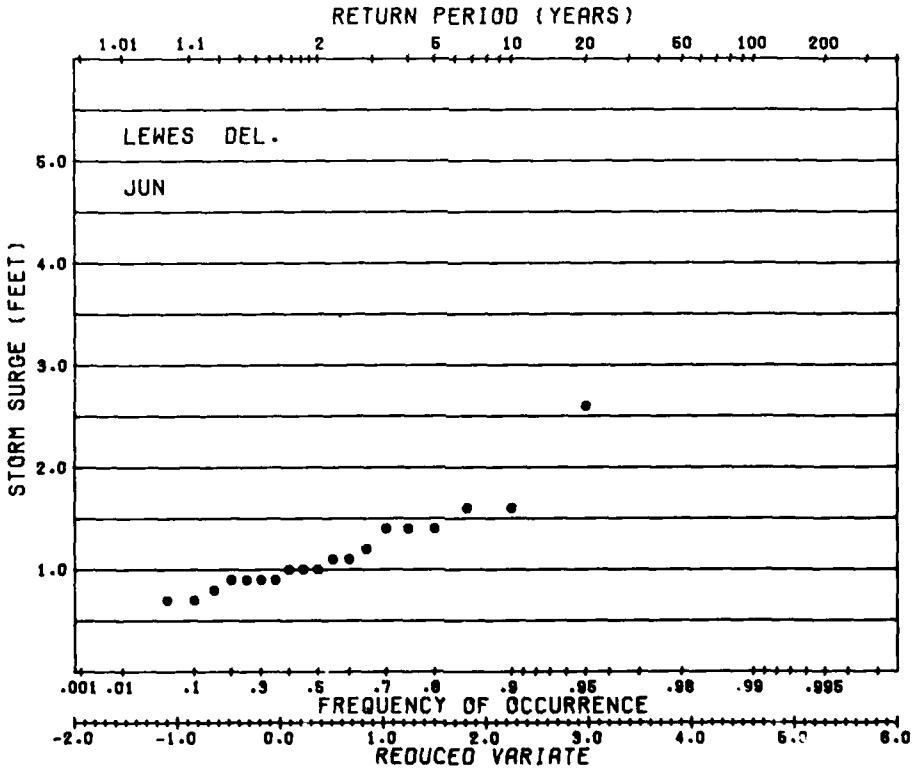
6.0
REDUCED VARIATE


RETURN PERIOD (YEARS)
1.01
1.1
2
5
10
20
50
100
200
LEWES DEL.
JUN
STORM SURGE (FEET)
5.0
4.0
3.0
2.0
1.0
.001
.01
.1
.3
.5
.7
.8
.9
.95
.98
.99
.995
FREQUENCY OF OCCURRENCE
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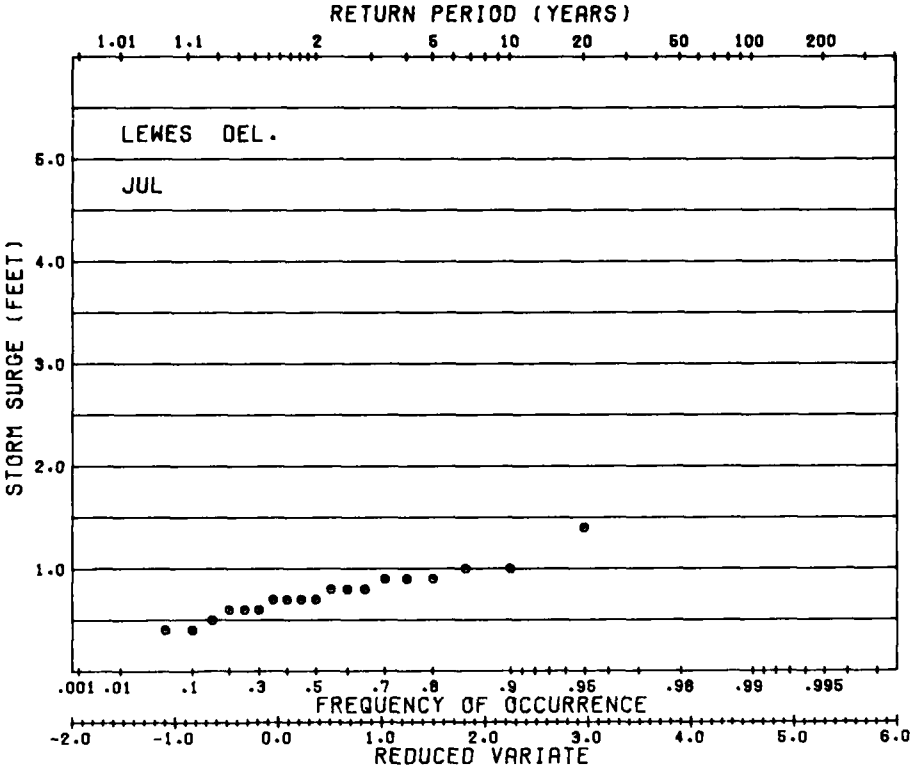
REDUCED VARIATE


RETURN PERIOD (YEARS)
1.01
1.1
2
5
10
20
50
100
200
LEWES DEL.
JUL
STORM SURGE (FEET)
5.0
4.0
3.0
2.0
1.0
.001
.01
.1
.3
.5
.7
.8
.9
.95
.98
.99
.995
FREQUENCY OF OCCURRENCE
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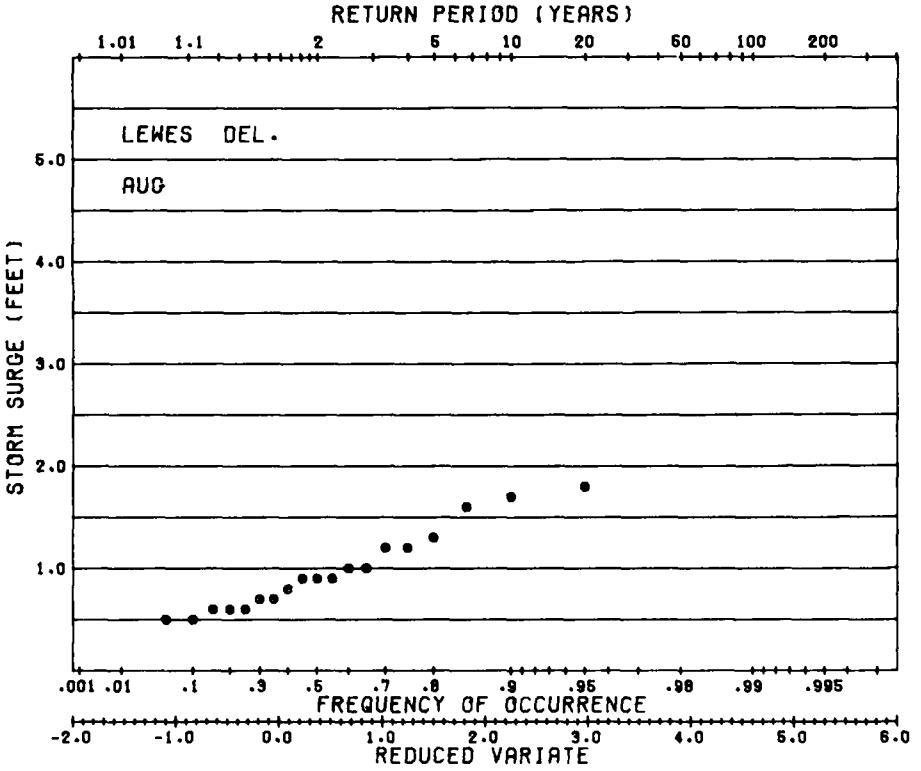
6.0
REDUCED VARIATE


RETURN PERIOD (YEARS)
1.01
1.1
2
5
10
20
50
100
200
LEWES DEL.
AUG
STORM SURGE (FEET)
5.0
4.0
3.0
2.0
1.0
.001
.01
.1
.3
.5
.7
.8
.9
.95
.98
.99
.995
FREQUENCY OF OCCURRENCE
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4.0
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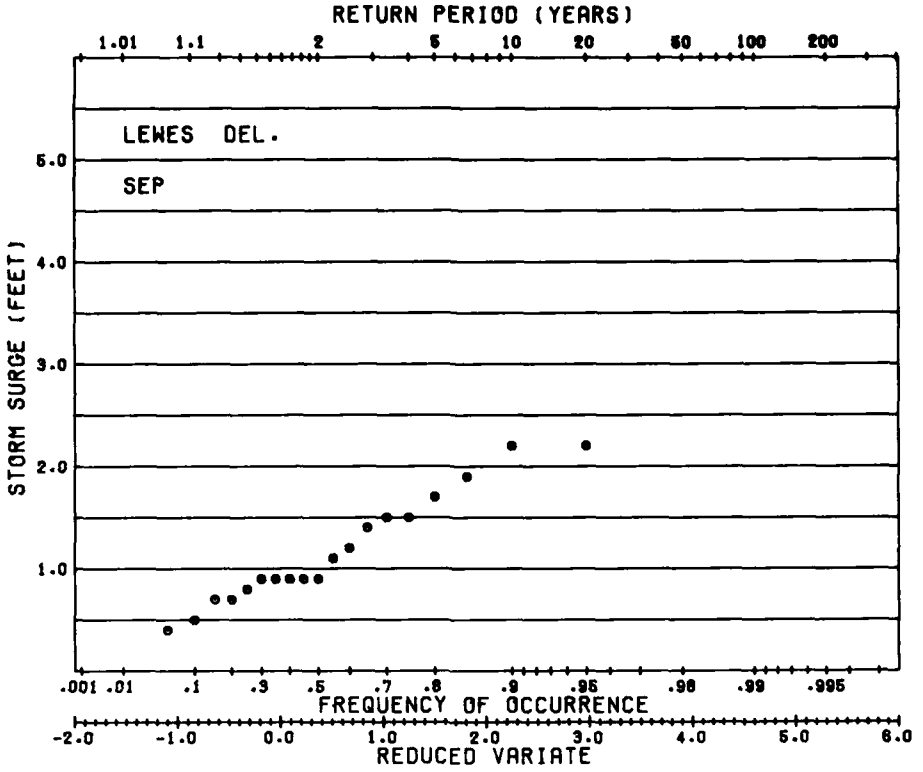
REDUCED VARIATE


RETURN PERIOD (YEARS)
1.01
1.1
2
5
10
20
50
100
200
LEWES DEL.
SEP
STORM SURGE (FEET)
5.0
4.0
3.0
2.0
1.0
.001
.01
.1
.3
.5
.7
.8
.9
.95
.98
.99
.995
FREQUENCY OF OCCURRENCE
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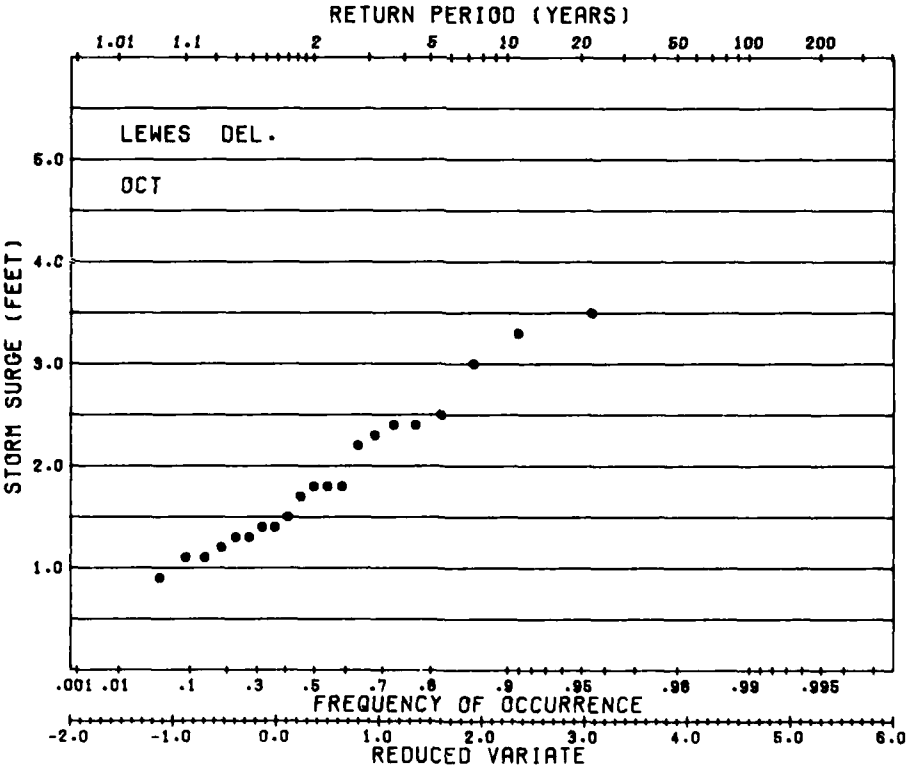
REDUCED VARIATE


RETURN PERIOD (YEARS)
1.01
1.1
2
5
10
20
50
100
200
LEWES DEL.
OCT
STORM SURGE (FEET)
5.0
4.0
3.0
2.0
1.0
.001
.01
.1
.3
.5
.7
.8
.9
.95
.98
.99
.995
FREQUENCY OF OCCURRENCE
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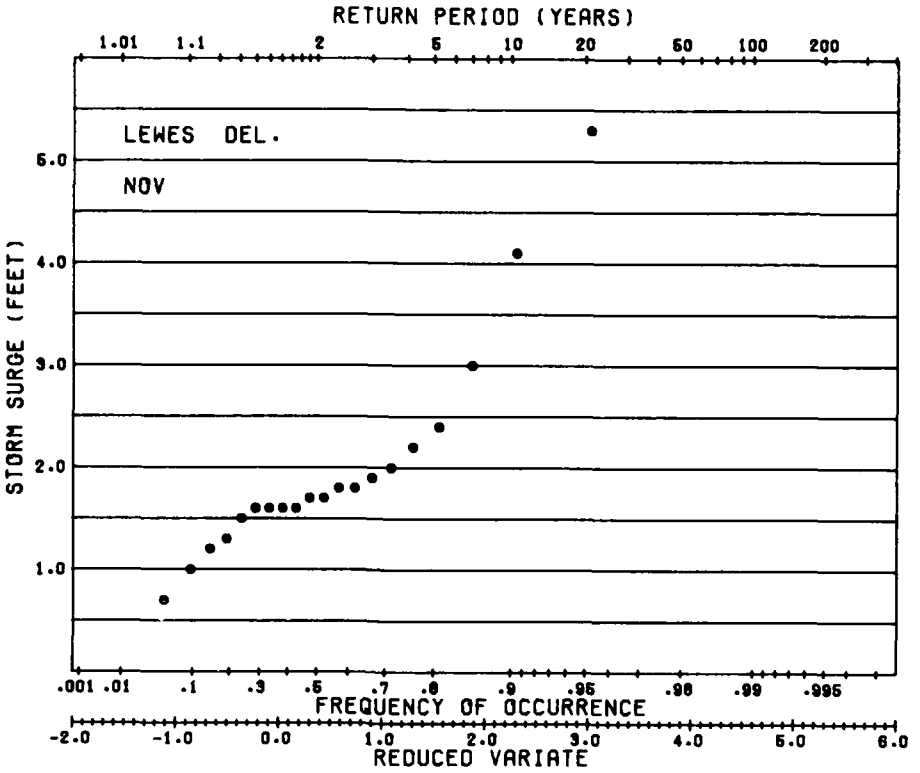
REDUCED VARIATE


RETURN PERIOD (YEARS)
1.01
1.1
2
5
10
20
50
100
200
LEWES DEL.
NOV
STORM SURGE (FEET)
6.0
4.0
3.0
2.0
1.0
.001
.01
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.3
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.9
.95
.98
.99
.995
FREQUENCY OF OCCURRENCE
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-1.0
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4.0
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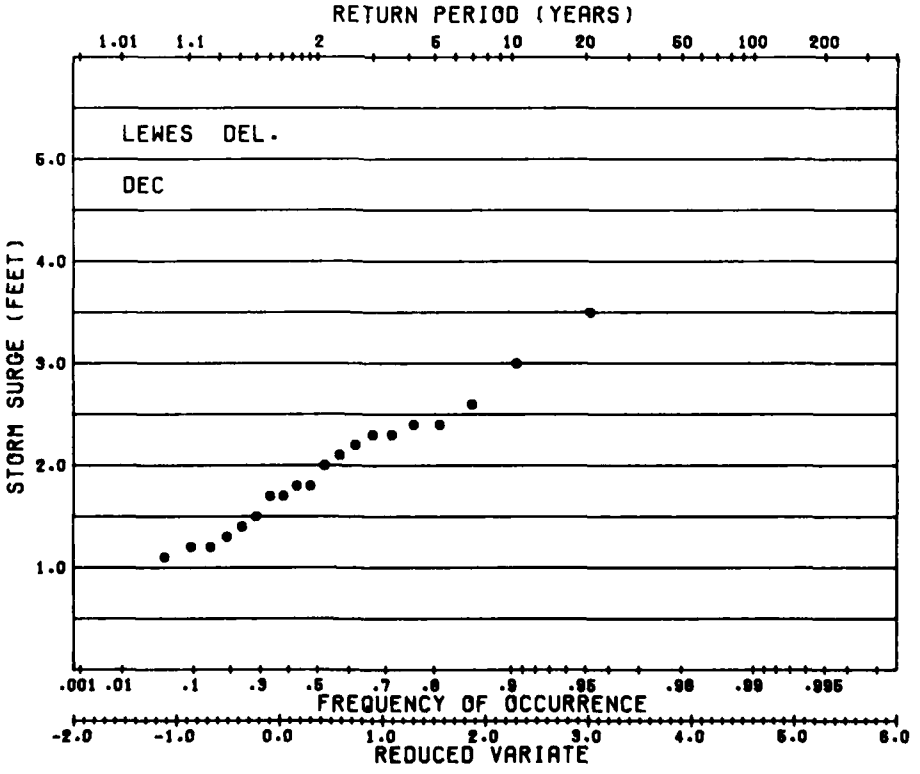
REDUCED VARIATE


RETURN PERIOD (YEARS)
1.01
1.1
2
5
10
20
50
100
200
LEWES DEL.
DEC
STORM SURGE (FEET)
6.0
4.0
3.0
2.0
1.0
.001
.01
.1
.3
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.7
.8
.9
.95
.98
.99
.995
FREQUENCY OF OCCURRENCE
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-1.0
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1.0
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4.0
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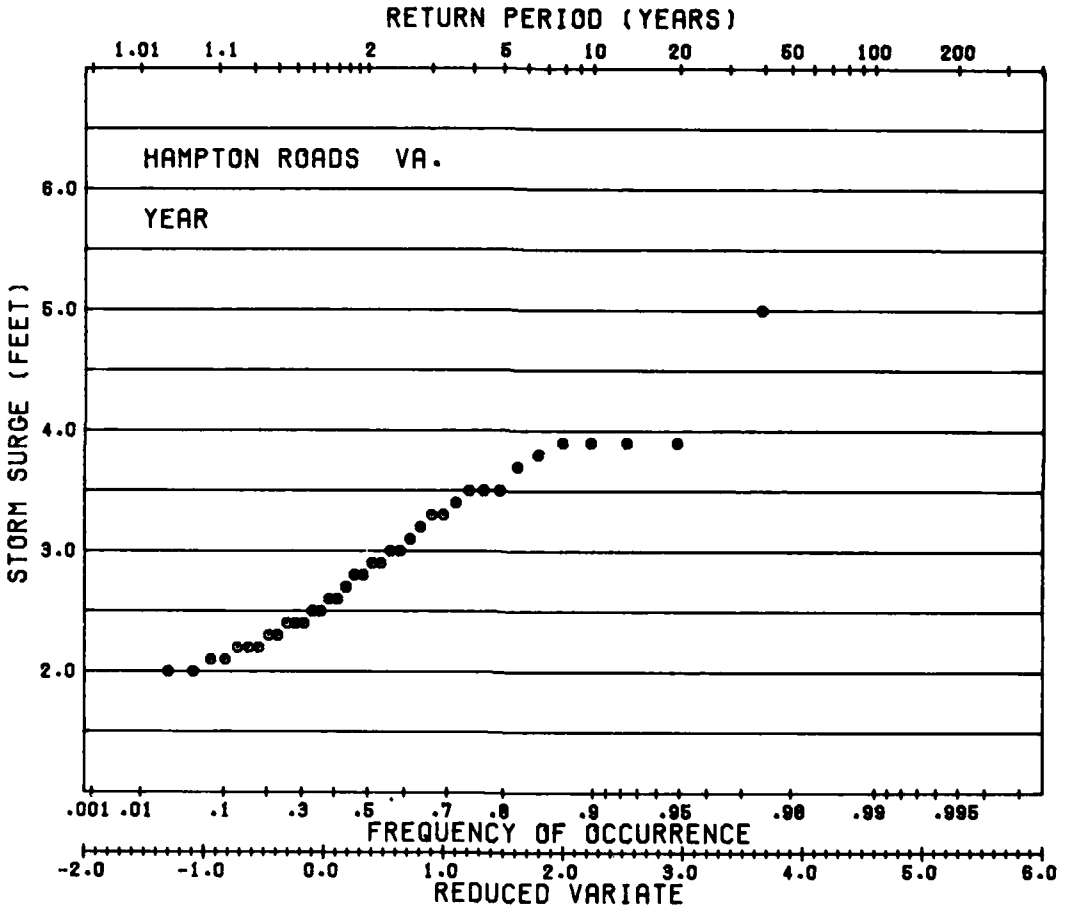
REDUCED VARIATE


RETURN PERIOD (YEARS)
1.01
1.1
2
5
10
20
50
100
200
HAMPTON ROADS VA.
YEAR
STORM SURGE (FEET)
6.0
5.0
4.0
3.0
2.0
.001
.01
.1
.3
.5
.7
.8
.9
.95
.98
.99
.995
FREQUENCY OF OCCURRENCE
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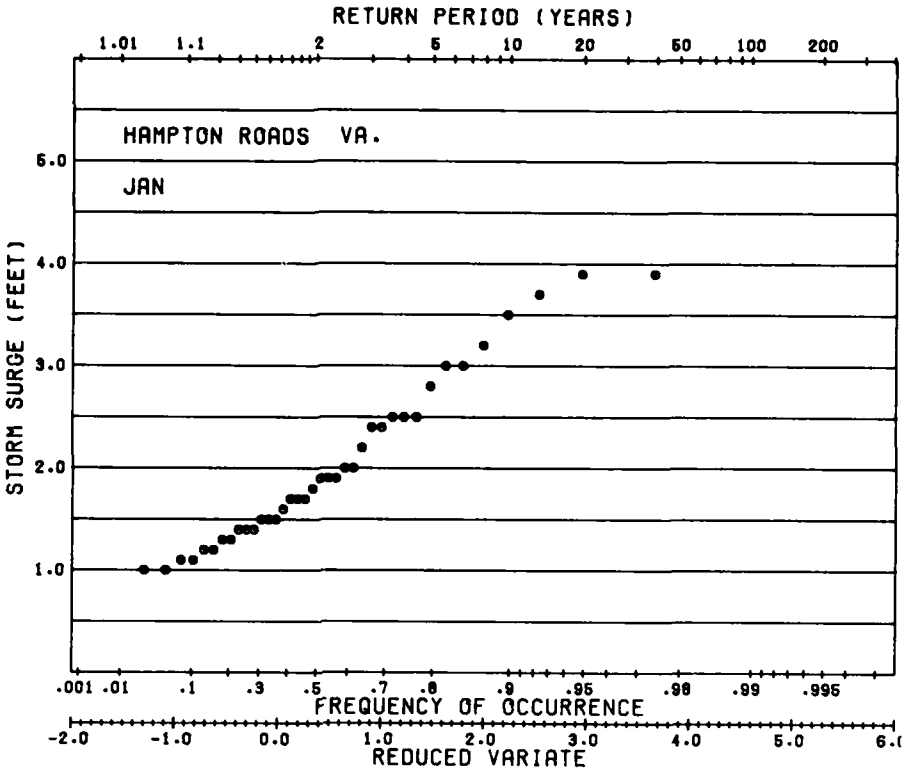
-1.0
0.0
1.0
2.0
3.0
4.0
5.0
6.0
REDUCED VARIATE


RETURN PERIOD (YEARS)
1.01
1.1
2
5
10
20
50
100
200
HAMPTON ROADS VA.
JAN
STORM SURGE (FEET)
6.0
4.0
3.0
2.0
1.0
.001 .01 .1 .3 .5 .7 .8 .9 .95 .98 .99 .995
FREQUENCY OF OCCURRENCE
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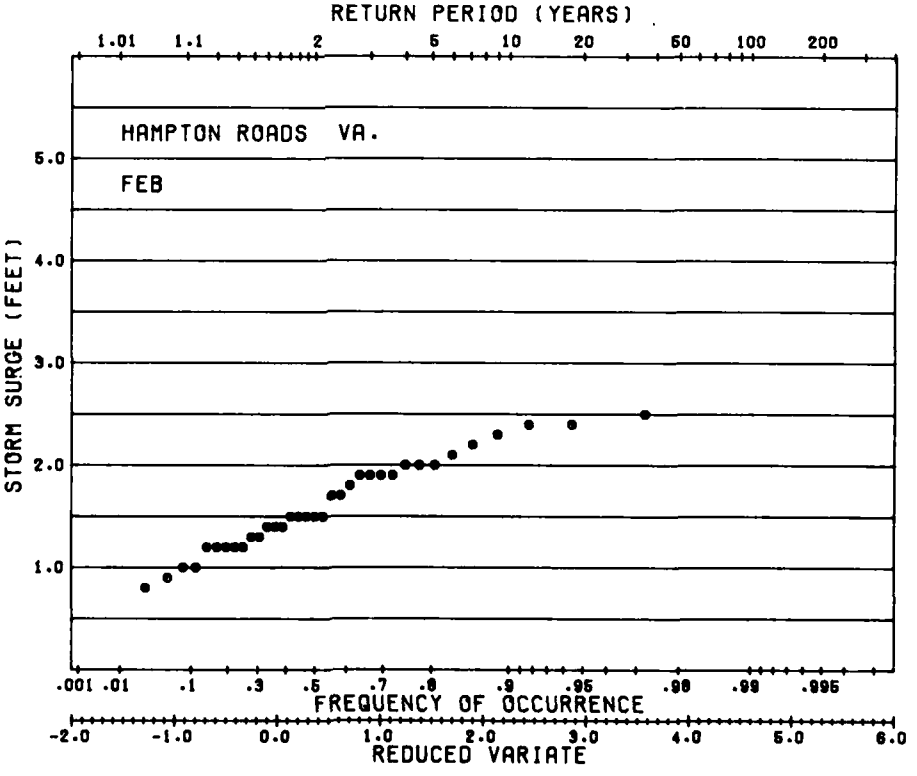
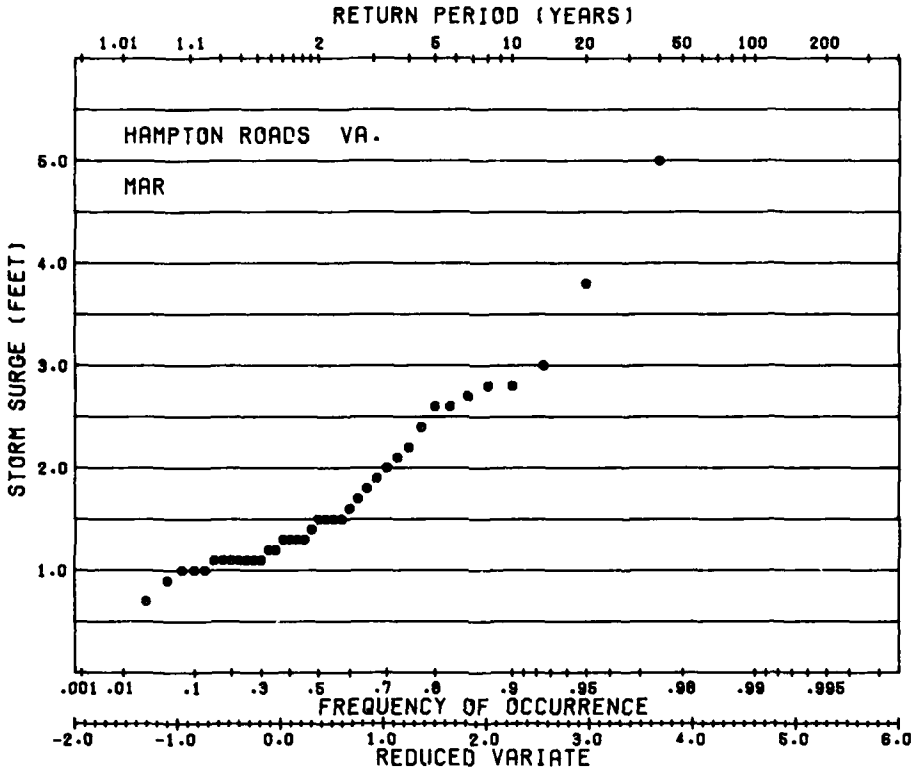
REDUCED VARIATE


RETURN PERIOD (YEARS)
1.01
1.1
2
5
10
20
50
100
200
HAMPTON ROADS VA.
FEB
STORM SURGE (FEET)
5.0
4.0
3.0
2.0
1.0
.001 .01 .1 .3 .5 .7 .8 .9 .95 .98 .99 .995
FREQUENCY OF OCCURRENCE
-2.0 -1.0 0.0 1.0 2.0 3.0 4.0 5.0 6.0
REDUCED VARIATE


RETURN PERIOD (YEARS)
1.01
1.1
2
5
10
20
50
100
200
HAMPTON ROADS VA.
MAR
STORM SURGE (FEET)
5.0
4.0
3.0
2.0
1.0
.001 .01 .1 .3 .5 .7 .8 .9 .95 .98 .99 .995
FREQUENCY OF OCCURRENCE
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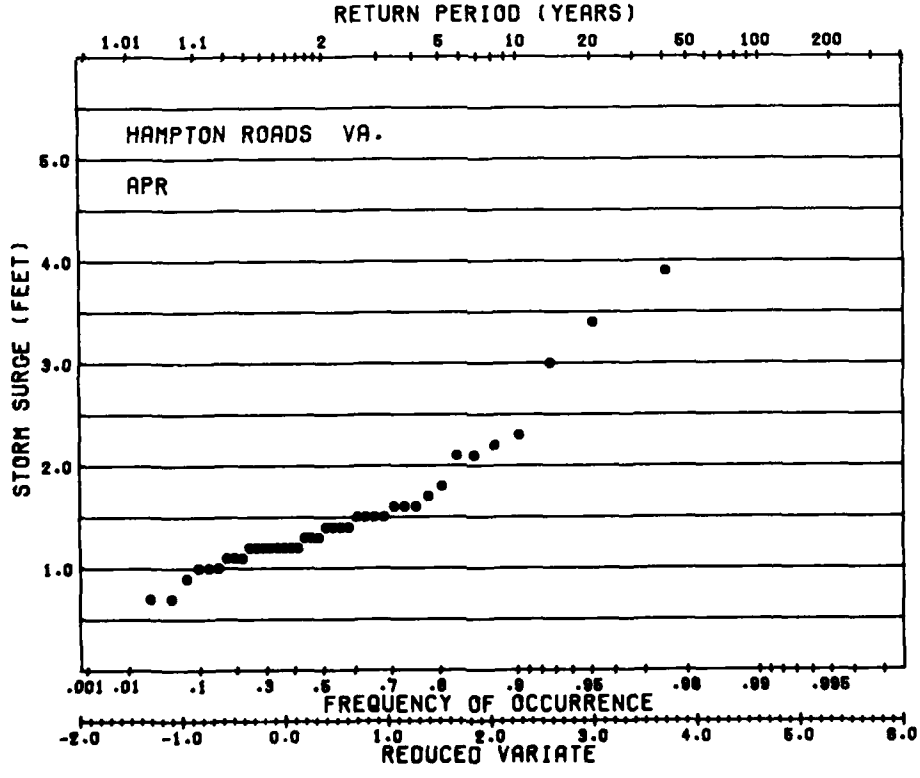
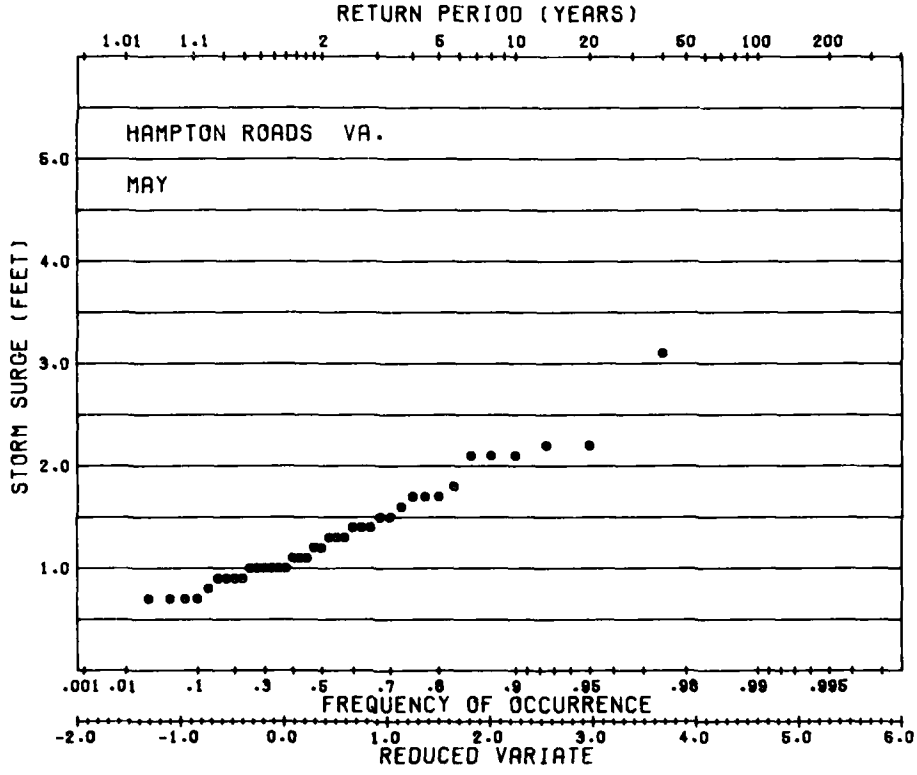
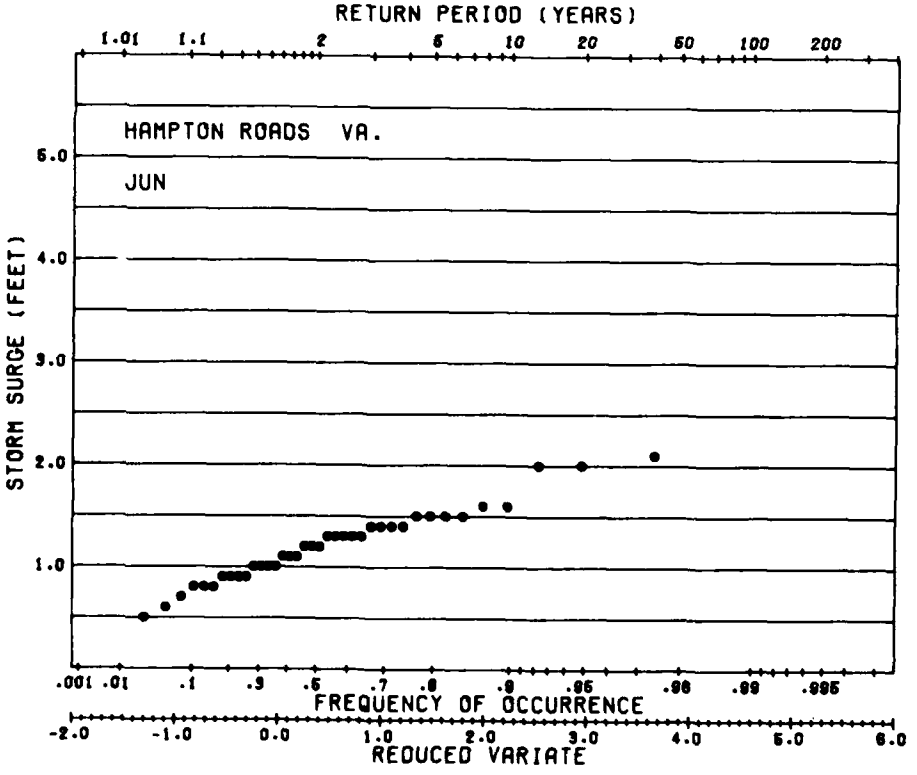
REDUCED VARIATE


RETURN PERIOD (YEARS)
1.01
1.1
2
5
10
20
50
100
200
HAMPTON ROADS VA.
APR
STORM SURGE (FEET)
5.0
4.0
3.0
2.0
1.0
.001 .01 .1 .3 .5 .7 .8 .9 .95 .98 .99 .995
FREQUENCY OF OCCURRENCE
-2.0 -1.0 0.0 1.0 2.0 3.0 4.0 5.0 6.0
REDUCED VARIATE


RETURN PERIOD (YEARS)
1.01
1.1
2
5
10
20
50
100
200
HAMPTON ROADS VA.
MAY
STORM SURGE (FEET)
6.0
4.0
3.0
2.0
1.0
.001
.01
.1
.3
.5
.7
.8
.9
.95
.98
.99
.995
FREQUENCY OF OCCURRENCE
-2.0
-1.0
0.0
1.0
2.0
3.0
4.0
5.0
6.0
REDUCED VARIATE


RETURN PERIOD (YEARS)
1.01
1.1
2
5
10
20
50
100
200
HAMPTON ROADS VA.
JUN
STORM SURGE (FEET)
6.0
4.0
3.0
2.0
1.0
.001
.01
.1
.3
.5
.7
.8
.9
.95
.98
.99
.995
FREQUENCY OF OCCURRENCE
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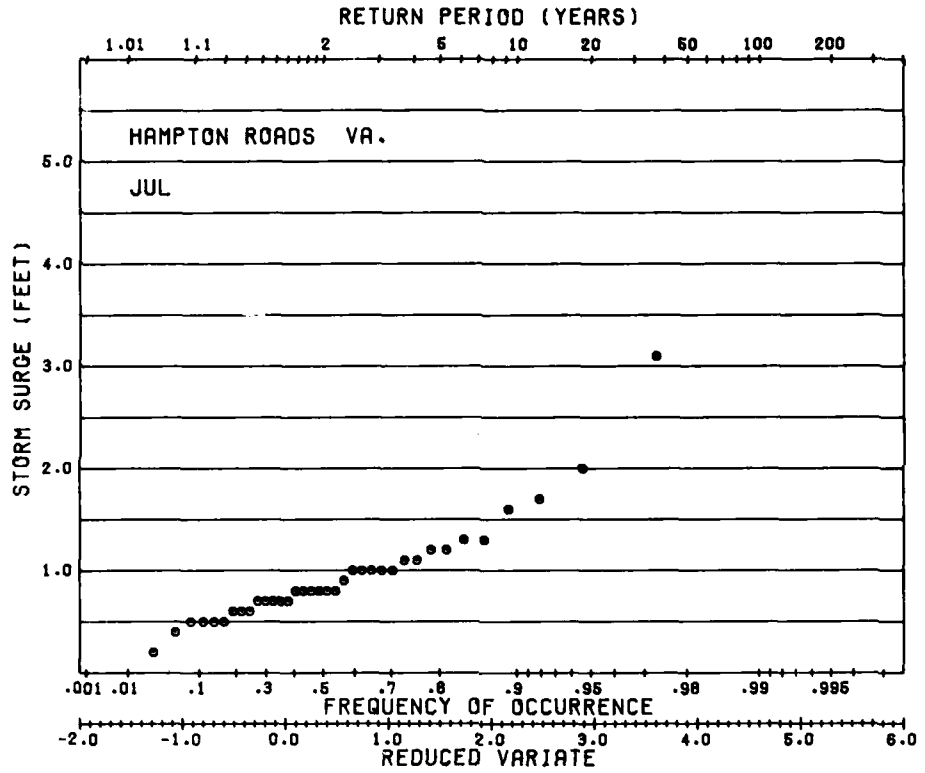
-1.0
0.0
1.0
2.0
3.0
4.0
5.0
6.0
REDUCED VARIATE


RETURN PERIOD (YEARS)
1.01
1.1
2
5
10
20
50
100
200
HAMPTON ROADS VA.
JUL
STORM SURGE (FEET)
5.0
4.0
3.0
2.0
1.0
.001
.01
.1
.3
.5
.7
.8
.9
.95
.98
.99
.995
FREQUENCY OF OCCURRENCE
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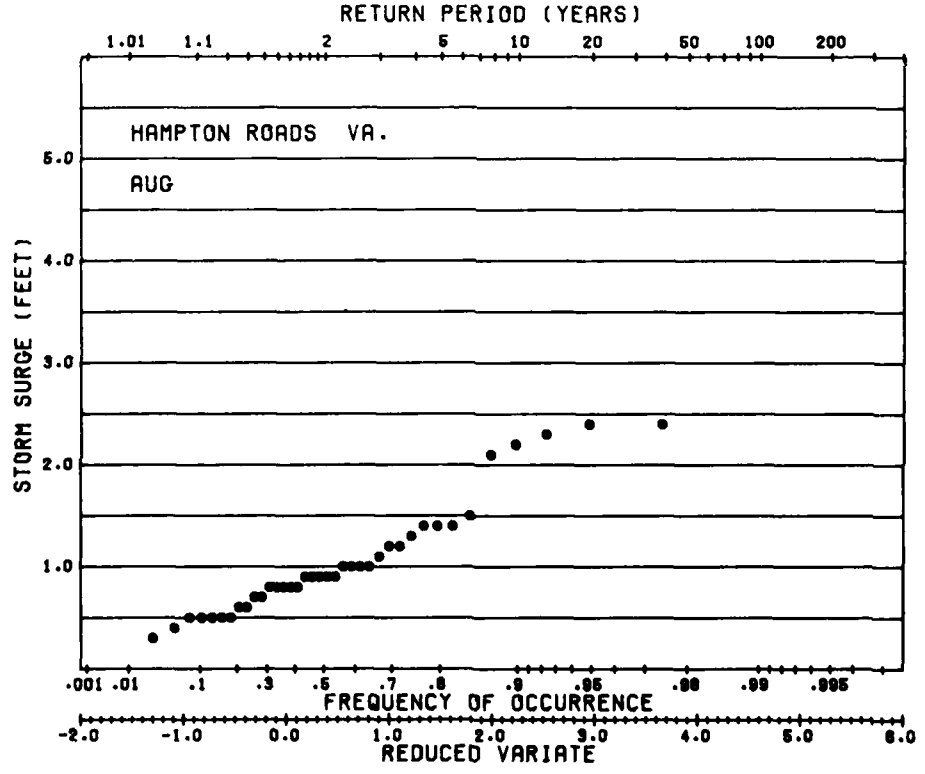
-1.0
0.0
1.0
2.0
3.0
4.0
5.0
6.0
REDUCED VARIATE


RETURN PERIOD (YEARS)
1.01
1.1
2
5
10
20
50
100
200
HAMPTON ROADS VA.
AUG
STORM SURGE (FEET)
5.0
4.0
3.0
2.0
1.0
.001
.01
.1
.3
.5
.7
.8
.9
.95
.98
.99
.995
FREQUENCY OF OCCURRENCE
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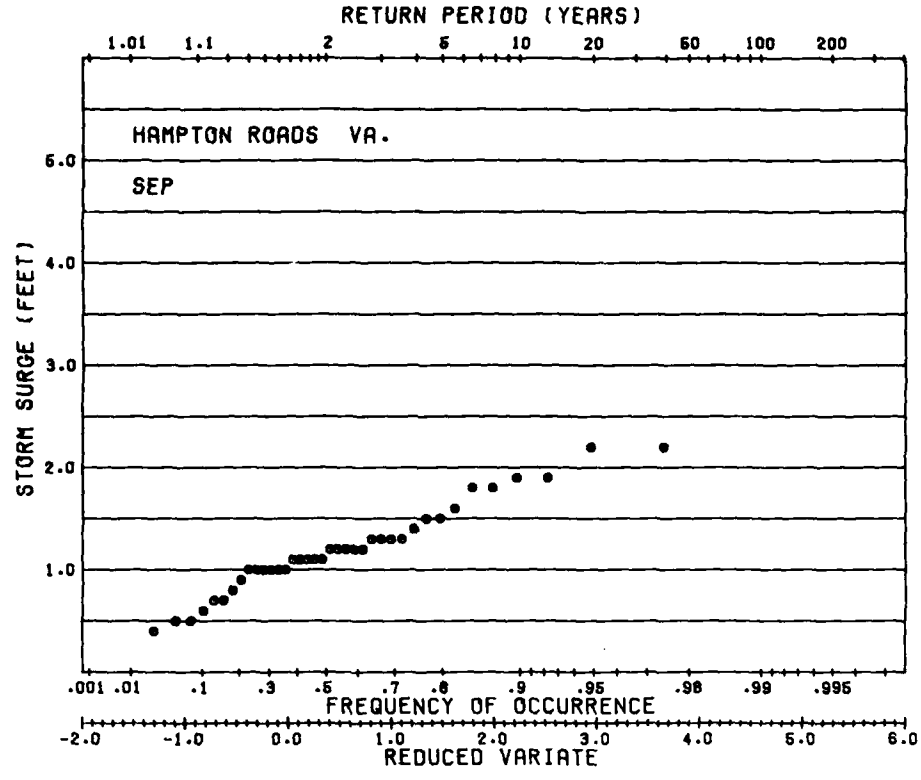
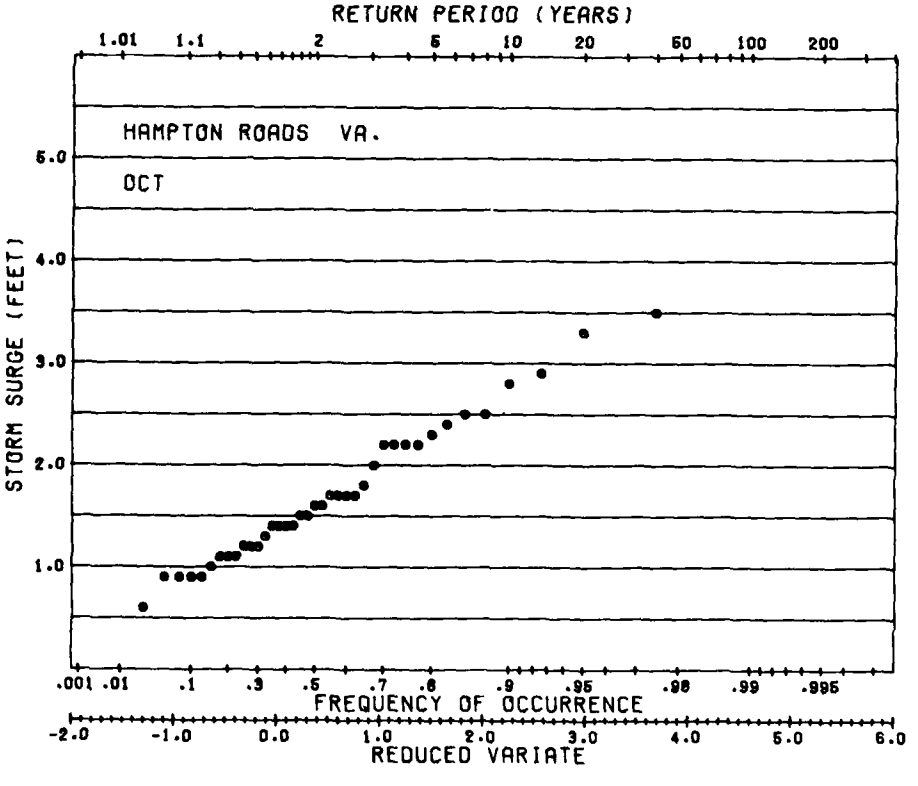
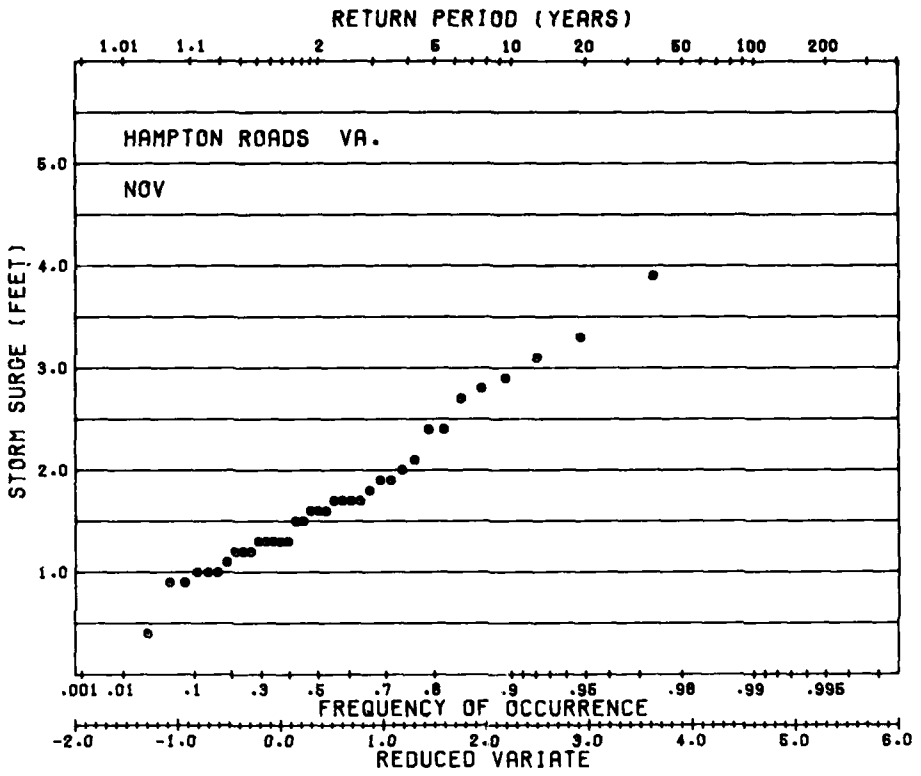
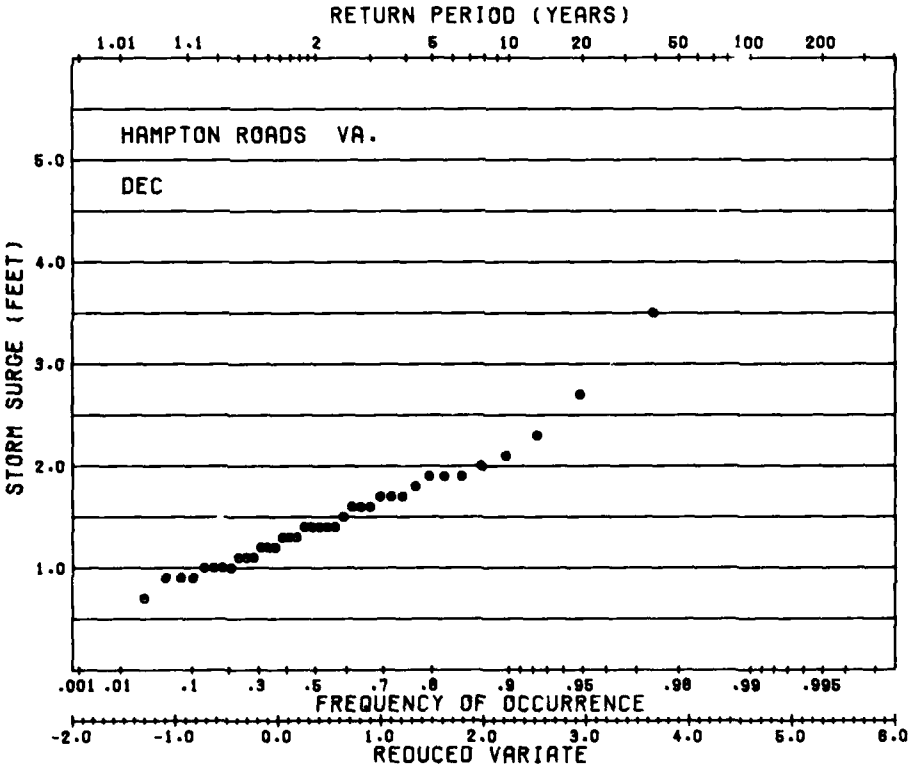
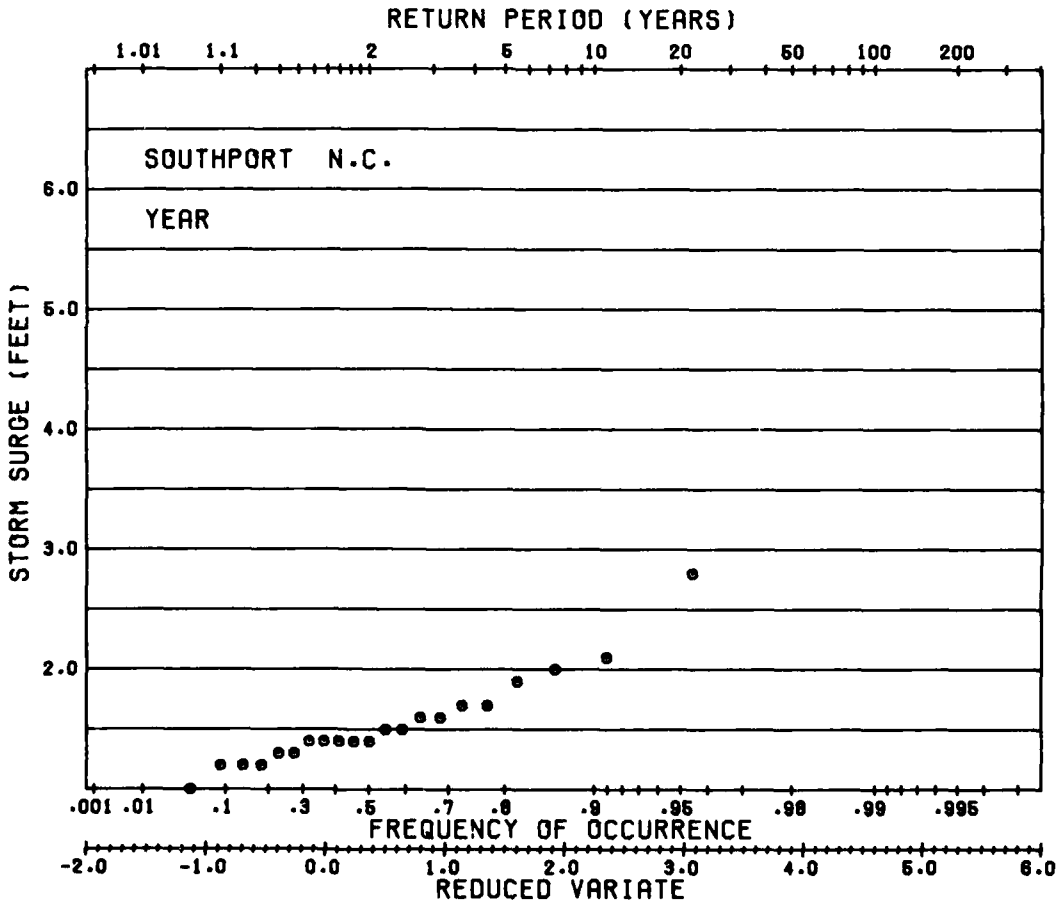
-1.0
0.0
1.0
2.0
3.0
4.0
5.0
6.0
REDUCED VARIATE

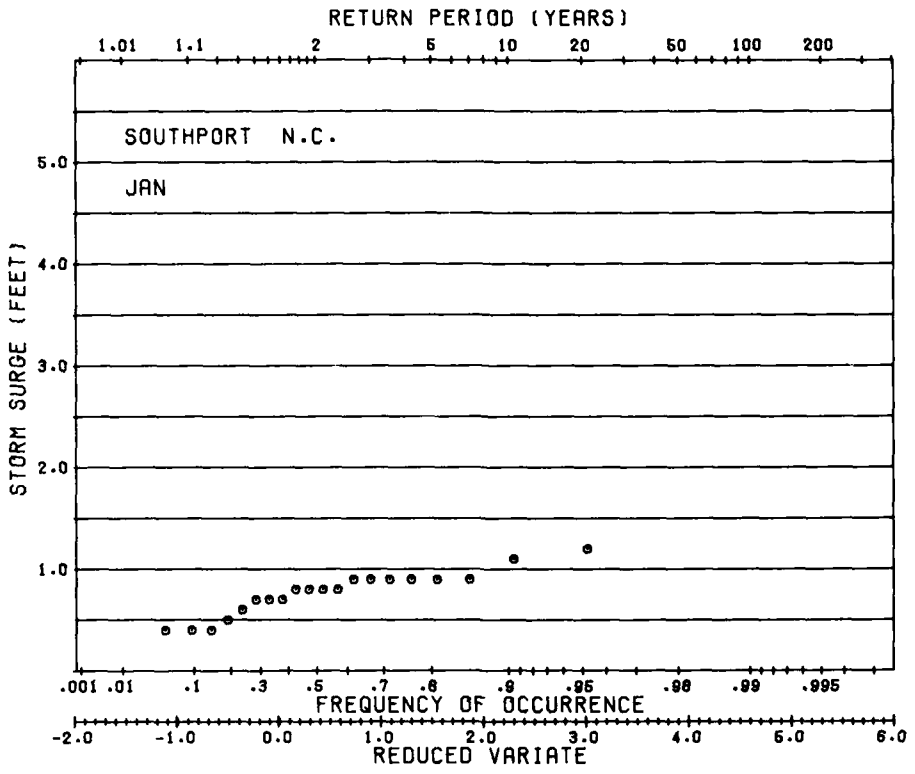

RETURN PERIOD (YEARS)
1.01
1.1
2
5
10
20
50
100
200
HAMPTON ROADS VA.
SEP
STORM SURGE (FEET)
6.0
5.0
4.0
3.0
2.0
1.0
.001 .01 .1 .3 .5 .7 .8 .9 .95 .98 .99 .995
FREQUENCY OF OCCURRENCE
-2.0 -1.0 0.0 1.0 2.0 3.0 4.0 5.0 6.0
REDUCED VARIATE

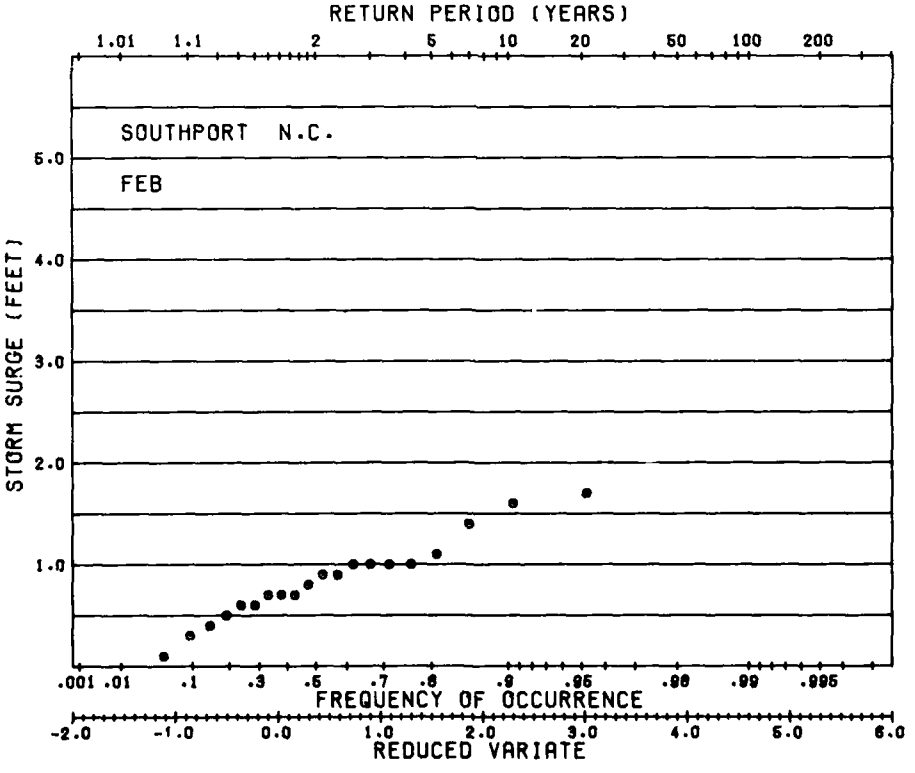

RETURN PERIOD (YEARS)
1.01
1.1
2
5
10
20
50
100
200
HAMPTON ROADS VA.
OCT
STORM SURGE (FEET)
6.0
5.0
4.0
3.0
2.0
1.0
.001 .01 .1 .3 .5 .7 .8 .9 .95 .98 .99 .995
FREQUENCY OF OCCURRENCE
-2.0 -1.0 0.0 1.0 2.0 3.0 4.0 5.0 6.0
REDUCED VARIATE

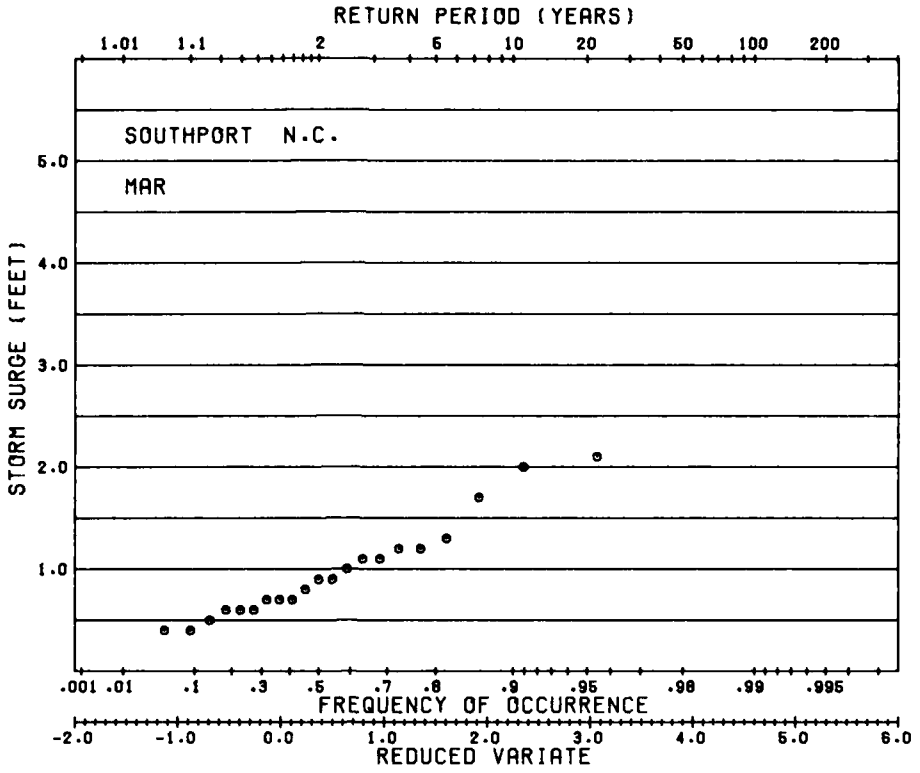

RETURN PERIOD (YEARS)
1.01
1.1
2
5
10
20
50
100
200
HAMPTON ROADS VA.
NOV
STORM SURGE (FEET)
5.0
4.0
3.0
2.0
1.0
.001
.01
.1
.3
.5
.7
.8
.9
.95
.98
.99
.995
FREQUENCY OF OCCURRENCE
-2.0
-1.0
0.0
1.0
2.0
3.0
4.0
5.0
6.0
REDUCED VARIATE


RETURN PERIOD (YEARS)
1.01
1.1
2
5
10
20
50
100
200
HAMPTON ROADS VA.
DEC
STORM SURGE (FEET)
5.0
4.0
3.0
2.0
1.0
.001
.01
.1
.3
.5
.7
.8
.9
.95
.98
.99
.995
FREQUENCY OF OCCURRENCE
-2.0
-1.0
0.0
1.0
2.0
3.0
4.0
5.0
6.0
REDUCED VARIATE


RETURN PERIOD (YEARS)
1.01
1.1
2
5
10
20
50
100
200
SOUTHPORT N.C.
YEAR
STORM SURGE (FEET)
6.0
5.0
4.0
3.0
2.0
.001
.01
.1
.3
.5
.7
.8
.9
.95
.98
.99
.995
FREQUENCY OF OCCURRENCE
-2.0
-1.0
0.0
1.0
2.0
3.0
4.0
5.0
6.0
REDUCED VARIATE


RETURN PERIOD (YEARS)
1.01
1.1
2
5
10
20
50
100
200
SOUTHPORT N.C.
JAN
STORM SURGE (FEET)
5.0
4.0
3.0
2.0
1.0
.001
.01
.1
.3
.5
.7
.8
.9
.95
.98
.99
.995
FREQUENCY OF OCCURRENCE
-2.0
-1.0
0.0
1.0
2.0
3.0
4.0
5.0
6.0
REDUCED VARIATE


RETURN PERIOD (YEARS)
1.01
1.1
2
5
10
20
50
100
200
SOUTHPORT N.C.
FEB
STORM SURGE (FEET)
6.0
4.0
3.0
2.0
1.0
.001
.01
.1
.3
.5
.7
.8
.9
.95
.98
.99
.995
FREQUENCY OF OCCURRENCE
-2.0
-1.0
0.0
1.0
2.0
3.0
4.0
5.0
6.0
REDUCED VARIATE


RETURN PERIOD (YEARS)
1.01
1.1
2
5
10
20
50
100
200
SOUTHPORT N.C.
MAR
STORM SURGE (FEET)
5.0
4.0
3.0
2.0
1.0
.001 .01 .1 .3 .5 .7 .8 .9 .95 .98 .99 .995
FREQUENCY OF OCCURRENCE
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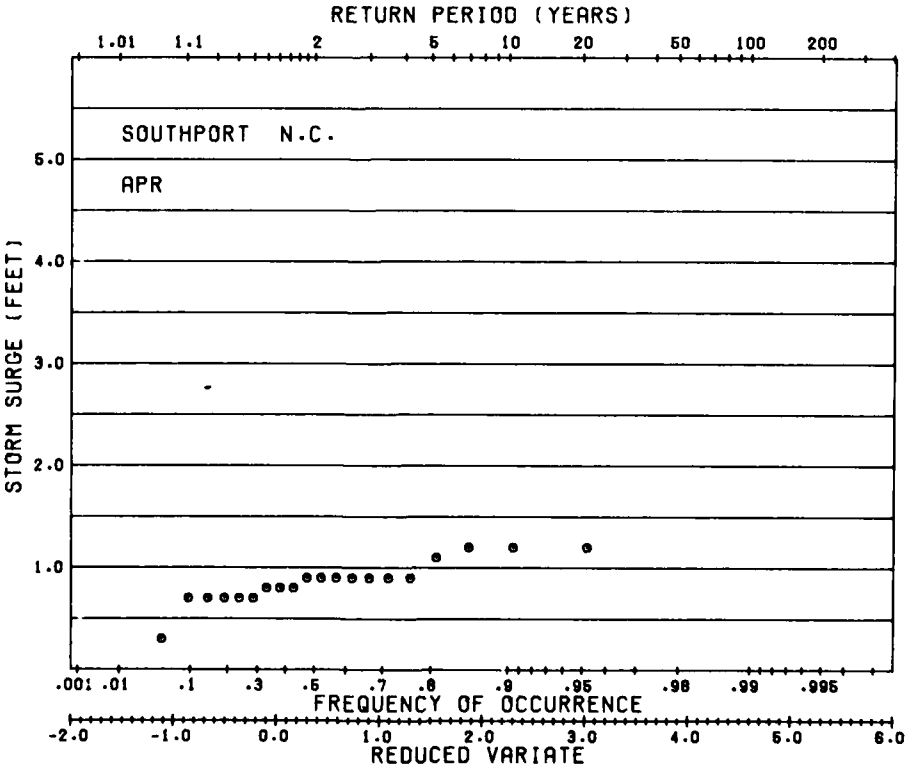
REDUCED VARIATE


RETURN PERIOD (YEARS)
1.01
1.1
2
5
10
20
50
100
200
SOUTHPORT N.C.
APR
STORM SURGE (FEET)
5.0
4.0
3.0
2.0
1.0
.001 .01 .1 .3 .5 .7 .8 .9 .95 .98 .99 .995
FREQUENCY OF OCCURRENCE
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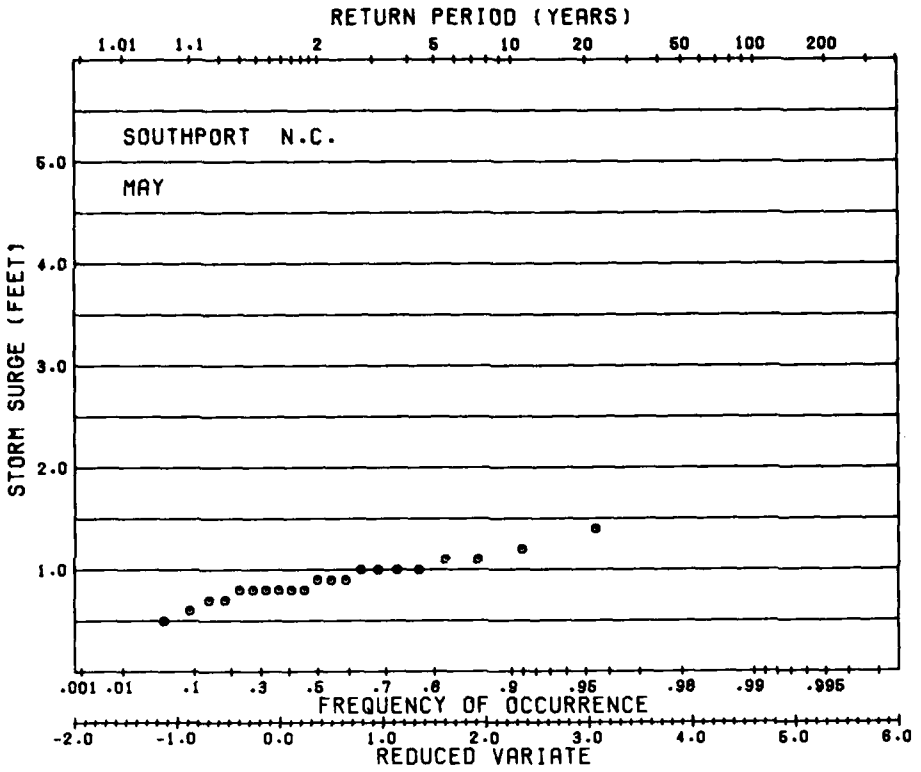
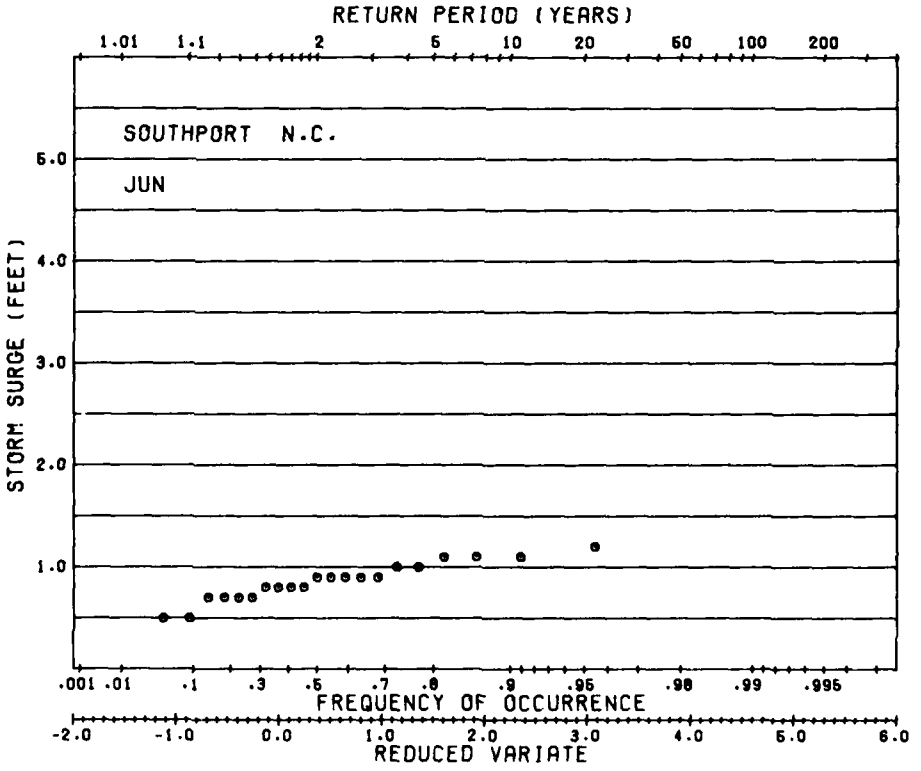
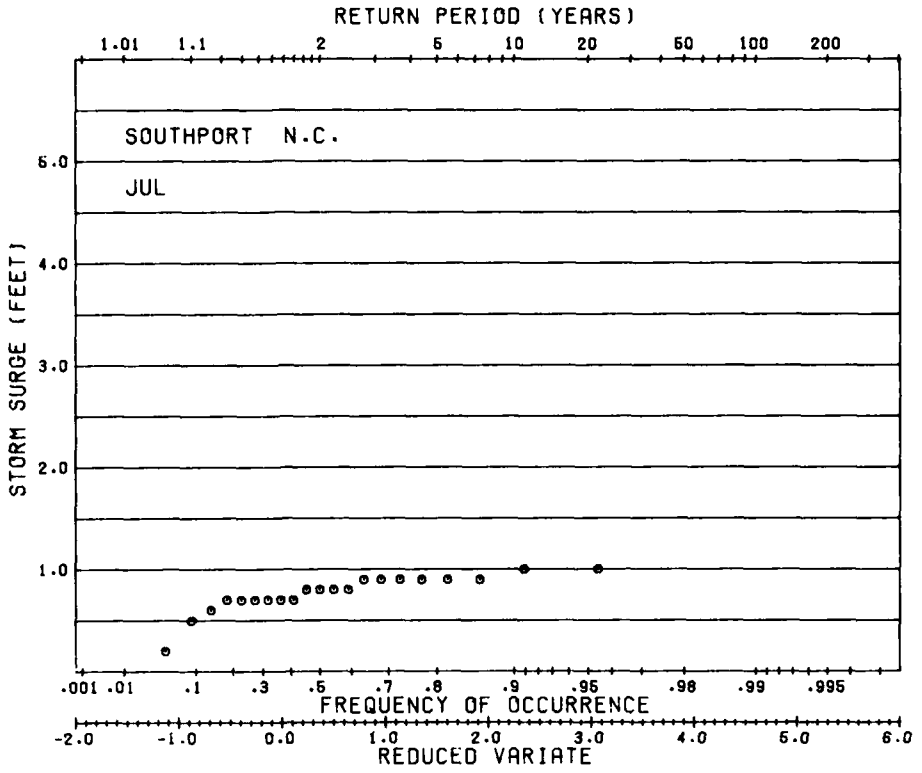
REDUCED VARIATE


RETURN PERIOD (YEARS)
1.01
1.1
2
5
10
20
50
100
200
SOUTHPORT N.C.
MAY
STORM SURGE (FEET)
6.0
4.0
3.0
2.0
1.0
.001
.01
.1
.3
.5
.7
.8
.9
.95
.98
.99
.995
FREQUENCY OF OCCURRENCE
-2.0
-1.0
0.0
1.0
2.0
3.0
4.0
5.0
6.0
REDUCED VARIATE


RETURN PERIOD (YEARS)
1.01
1.1
2
5
10
20
50
100
200
SOUTHPORT N.C.
JUN
STORM SURGE (FEET)
6.0
4.0
3.0
2.0
1.0
.001
.01
.1
.3
.5
.7
.8
.9
.95
.98
.99
.995
FREQUENCY OF OCCURRENCE
-2.0
-1.0
0.0
1.0
2.0
3.0
4.0
5.0
6.0
REDUCED VARIATE


RETURN PERIOD (YEARS)
1.01
1.1
2
5
10
20
50
100
200
SOUTHPORT N.C.
JUL
STORM SURGE (FEET)
5.0
4.0
3.0
2.0
1.0
.001
.01
.1
.3
.5
.7
.8
.9
.95
.98
.99
.995
FREQUENCY OF OCCURRENCE
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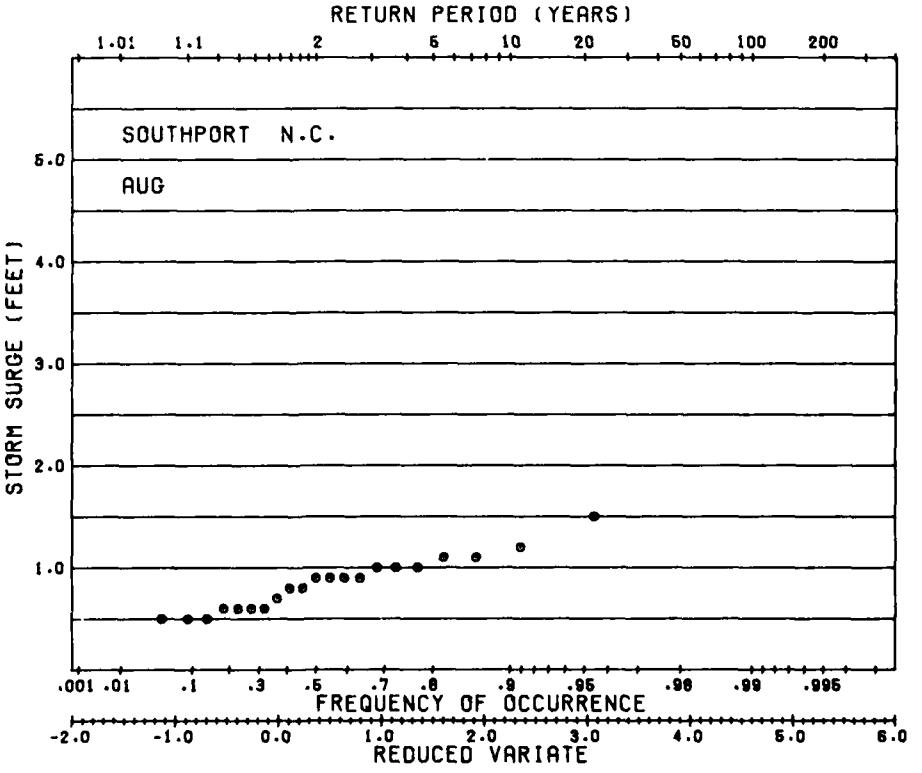
-1.0
0.0
1.0
2.0
3.0
4.0
5.0
6.0
REDUCED VARIATE


RETURN PERIOD (YEARS)
1.01
1.1
2
5
10
20
50
100
200
SOUTHPORT N.C.
AUG
STORM SURGE (FEET)
5.0
4.0
3.0
2.0
1.0
.001
.01
.1
.3
.5
.7
.8
.9
.95
.98
.99
.995
FREQUENCY OF OCCURRENCE
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-1.0
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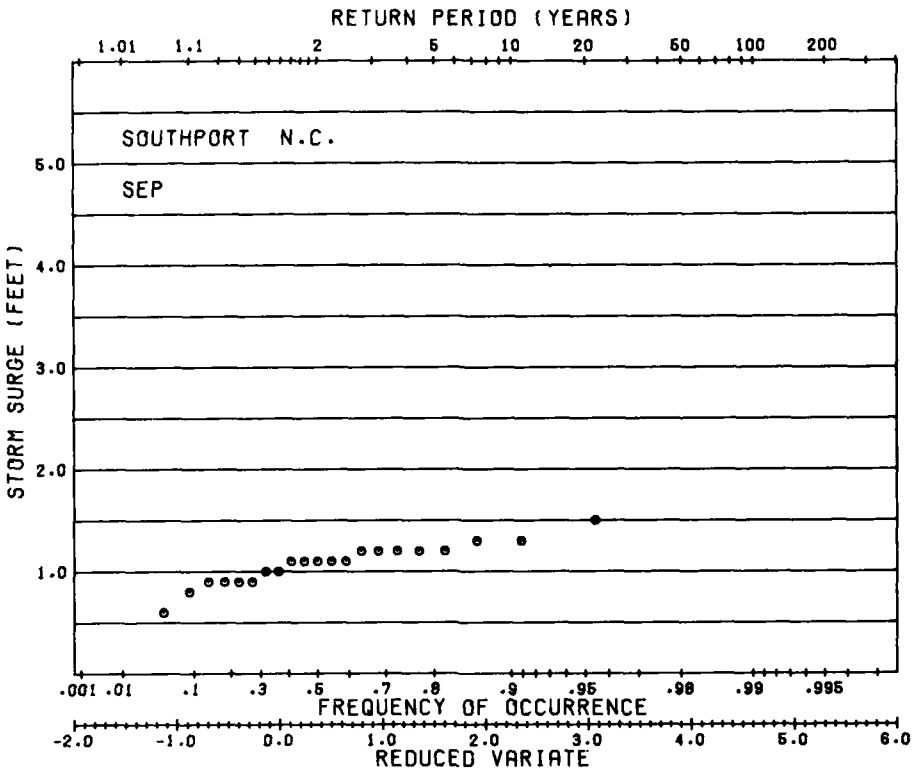
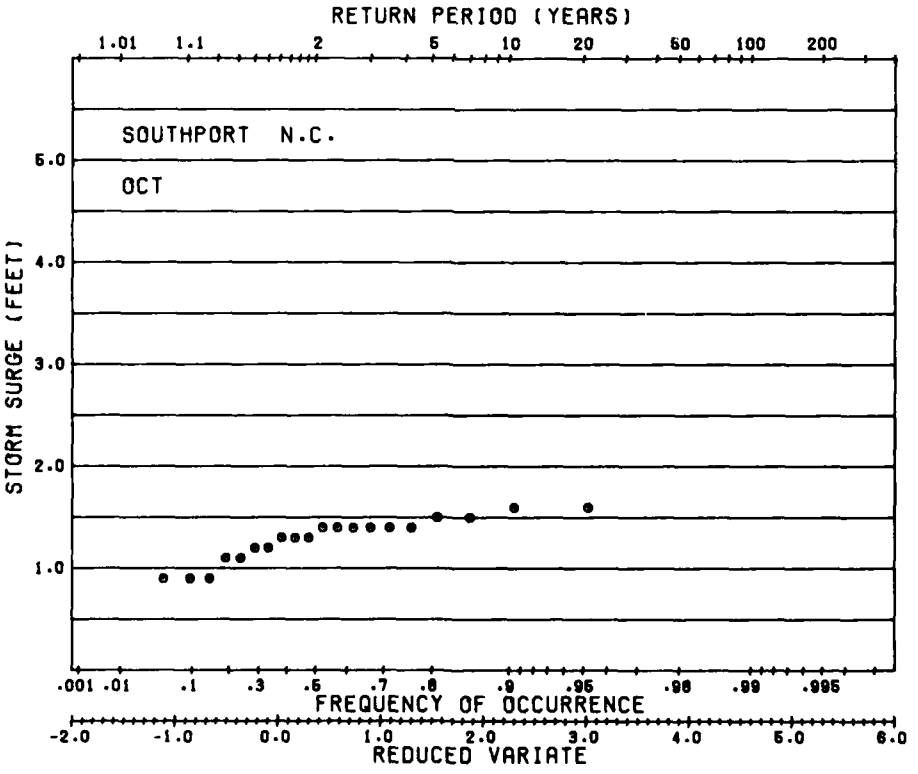
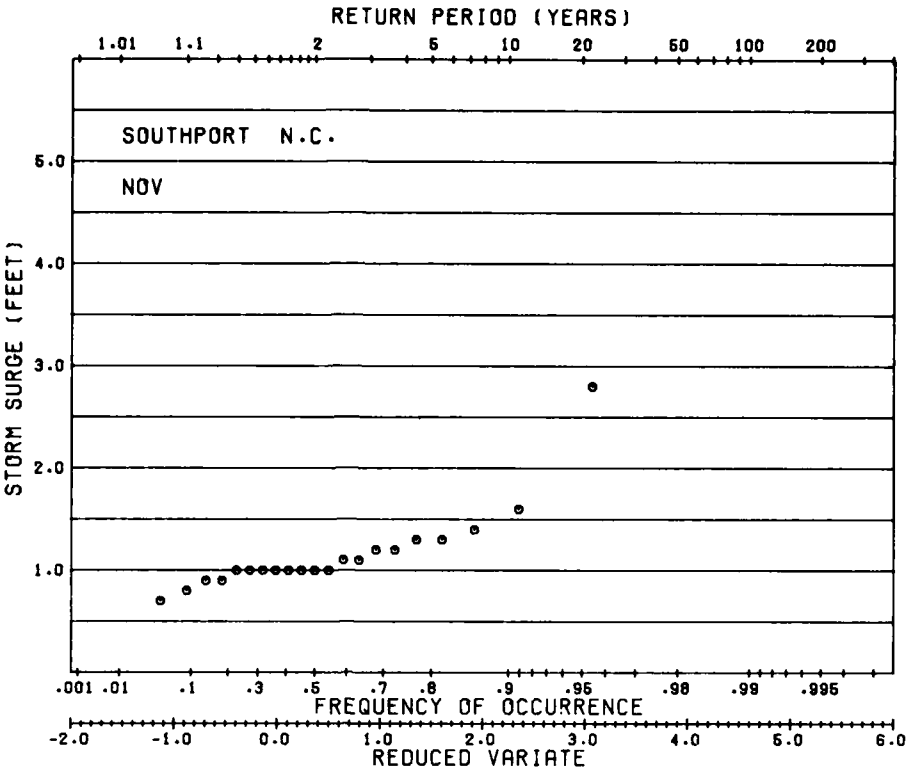
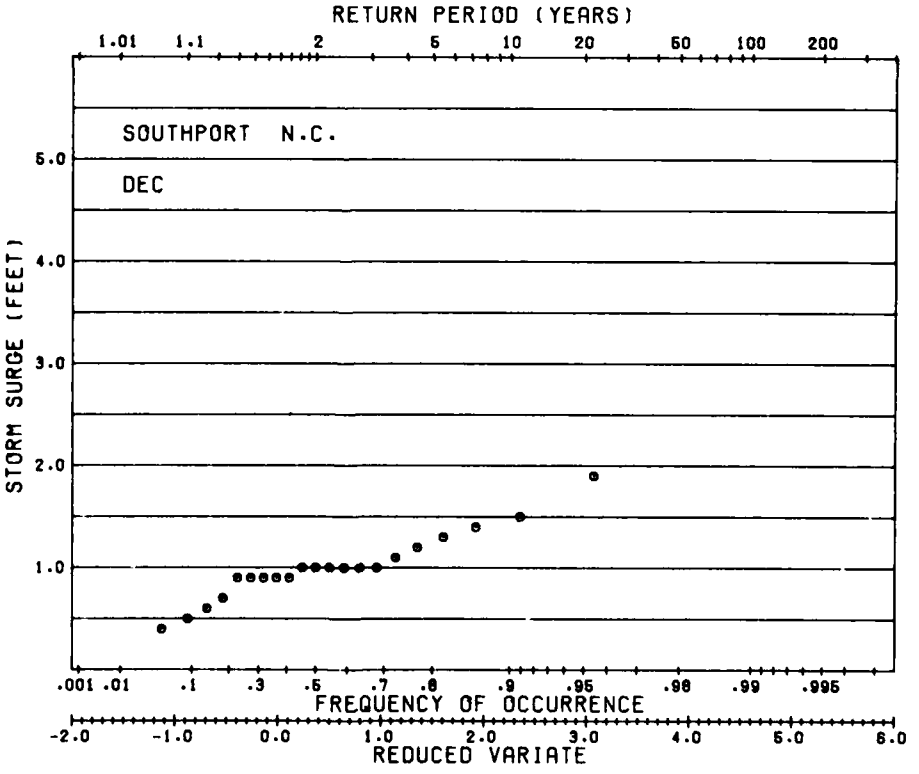
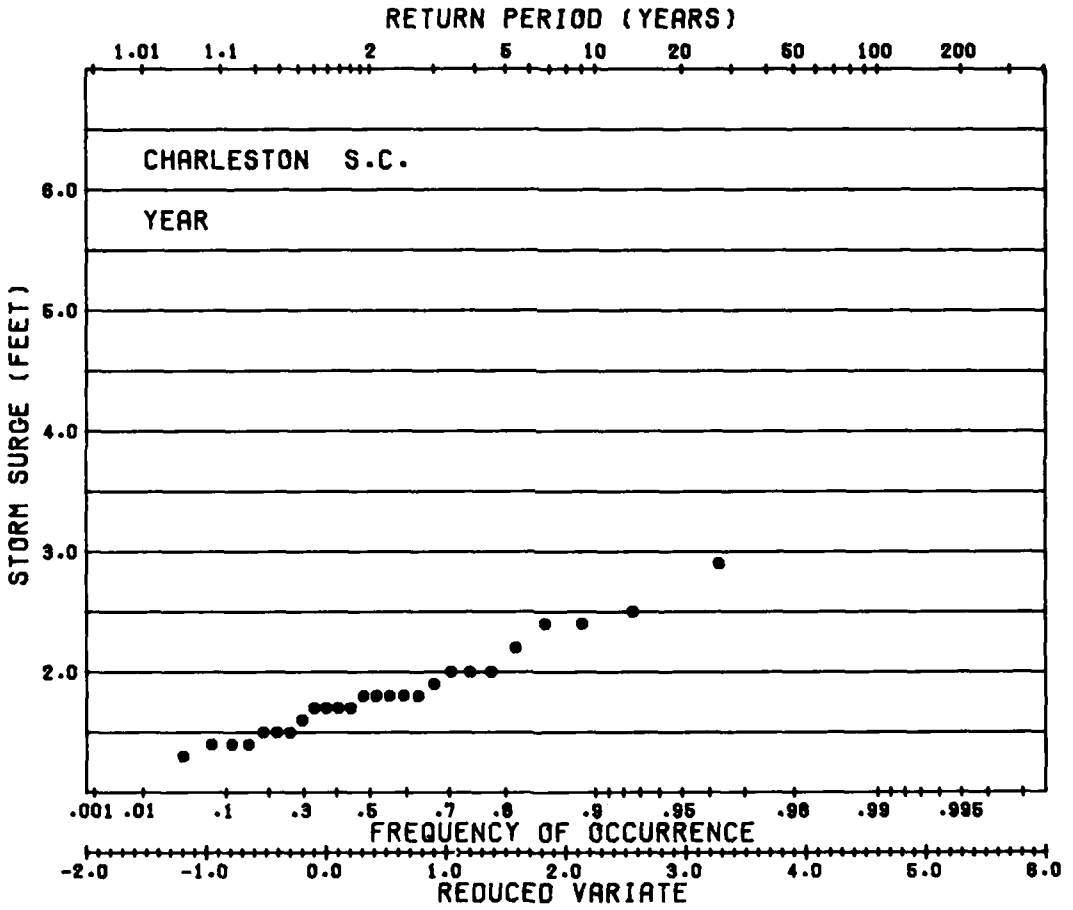
1.0
2.0
3.0
4.0
5.0
6.0
REDUCED VARIATE


RETURN PERIOD (YEARS)
1.01
1.1
2
5
10
20
50
100
200
SOUTHPORT N.C.
SEP
STORM SURGE (FEET)
5.0
4.0
3.0
2.0
1.0
.001 .01 .1 .3 .5 .7 .8 .9 .95 .98 .99 .995
FREQUENCY OF OCCURRENCE
-2.0 -1.0 0.0 1.0 2.0 3.0 4.0 5.0 6.0
REDUCED VARIATE


RETURN PERIOD (YEARS)
1.01
1.1
2
5
10
20
50
100
200
SOUTHPORT N.C.
OCT
STORM SURGE (FEET)
5.0
4.0
3.0
2.0
1.0
.001 .01 .1 .3 .5 .7 .8 .9 .95 .98 .99 .995
FREQUENCY OF OCCURRENCE
-2.0 -1.0 0.0 1.0 2.0 3.0 4.0 5.0 6.0
REDUCED VARIATE


RETURN PERIOD (YEARS)
1.01
1.1
2
5
10
20
50
100
200
SOUTHPORT N.C.
NOV
STORM SURGE (FEET)
5.0
4.0
3.0
2.0
1.0
.001 .01 .1 .3 .5 .7 .8 .9 .95 .98 .99 .995
FREQUENCY OF OCCURRENCE
-2.0 -1.0 0.0 1.0 2.0 3.0 4.0 5.0 6.0
REDUCED VARIATE


RETURN PERIOD (YEARS)
1.01
1.1
2
5
10
20
50
100
200
SOUTHPORT N.C.
DEC
STORM SURGE (FEET)
5.0
4.0
3.0
2.0
1.0
.001 .01 .1 .3 .5 .7 .8 .9 .95 .98 .99 .995
FREQUENCY OF OCCURRENCE
-2.0 -1.0 0.0 1.0 2.0 3.0 4.0 5.0 6.0
REDUCED VARIATE


RETURN PERIOD (YEARS)
1.01
1.1
2
5
10
20
50
100
200
CHARLESTON S.C.
YEAR
STORM SURGE (FEET)
6.0
5.0
4.0
3.0
2.0
.001
.01
.1
.3
.5
.7
.8
.9
.95
.98
.99
.995
FREQUENCY OF OCCURRENCE
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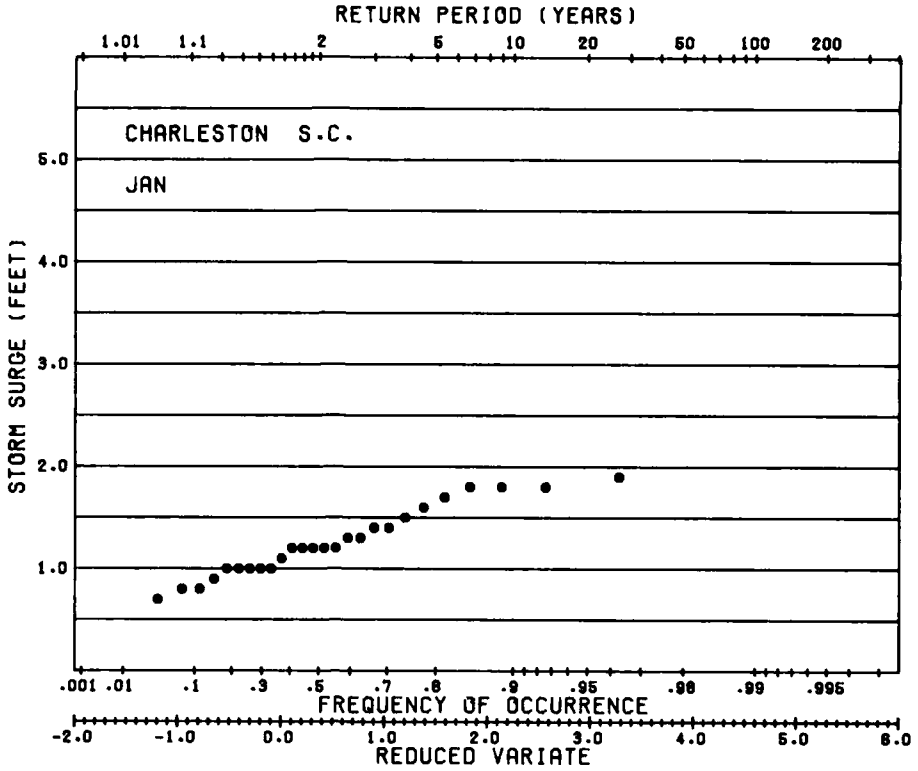
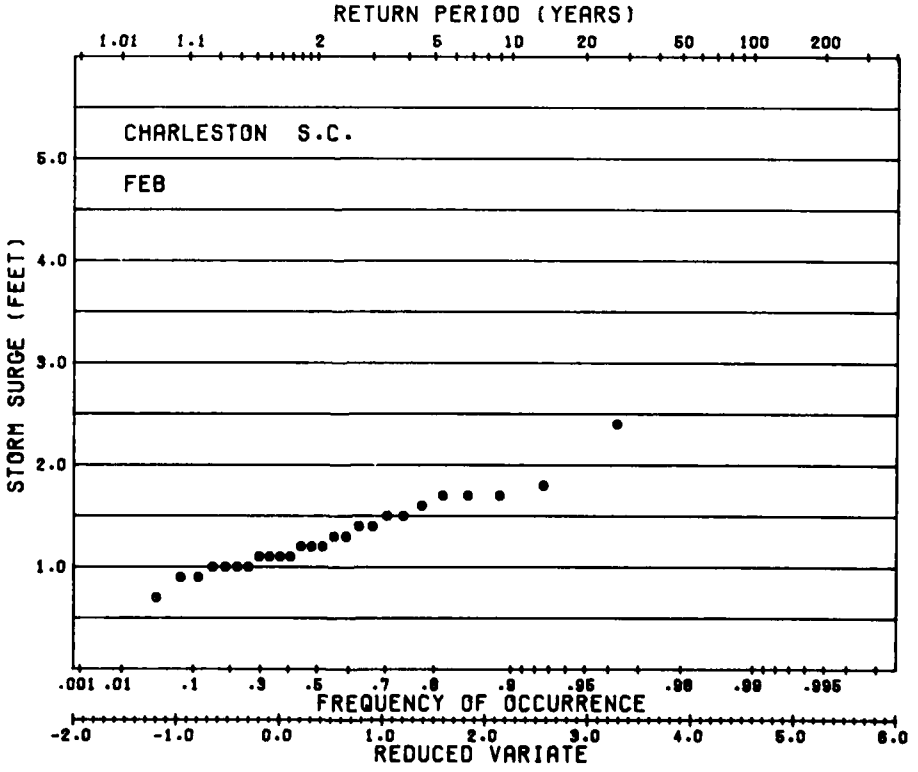
-1.0
0.0
1.0
2.0
3.0
4.0
5.0
6.0
REDUCED VARIATE


RETURN PERIOD (YEARS)
1.01 1.1 2 5 10 20 50 100 200
CHARLESTON S.C.
JAN
STORM SURGE (FEET)
5.0
4.0
3.0
2.0
1.0
.001 .01 .1 .3 .5 .7 .8 .9 .95 .98 .99 .995
FREQUENCY OF OCCURRENCE
-2.0 -1.0 0.0 1.0 2.0 3.0 4.0 5.0 6.0
REDUCED VARIATE


RETURN PERIOD (YEARS)
1.01 1.1 2 5 10 20 50 100 200
CHARLESTON S.C.
FEB
STORM SURGE (FEET)
5.0
4.0
3.0
2.0
1.0
.001 .01 .1 .3 .5 .7 .8 .9 .95 .98 .99 .995
FREQUENCY OF OCCURRENCE
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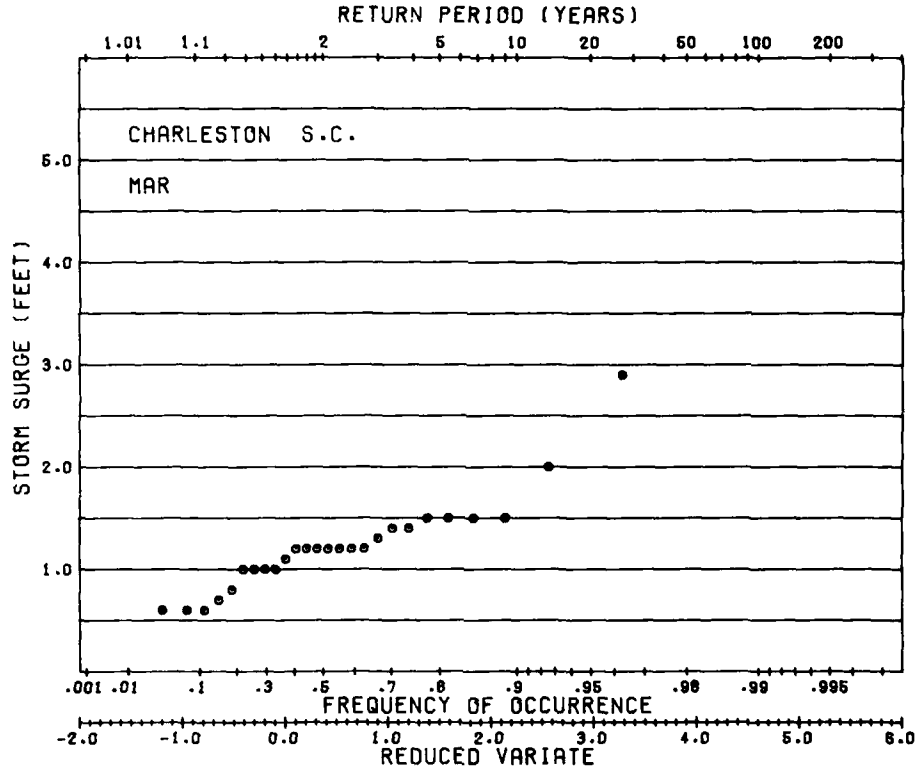
REDUCED VARIATE


RETURN PERIOD (YEARS)
1.01
1.1
2
5
10
20
50
100
200
CHARLESTON S.C.
MAR
STORM SURGE (FEET)
5.0
4.0
3.0
2.0
1.0
.001 .01 .1 .3 .5 .7 .8 .9 .95 .98 .99 .995
FREQUENCY OF OCCURRENCE
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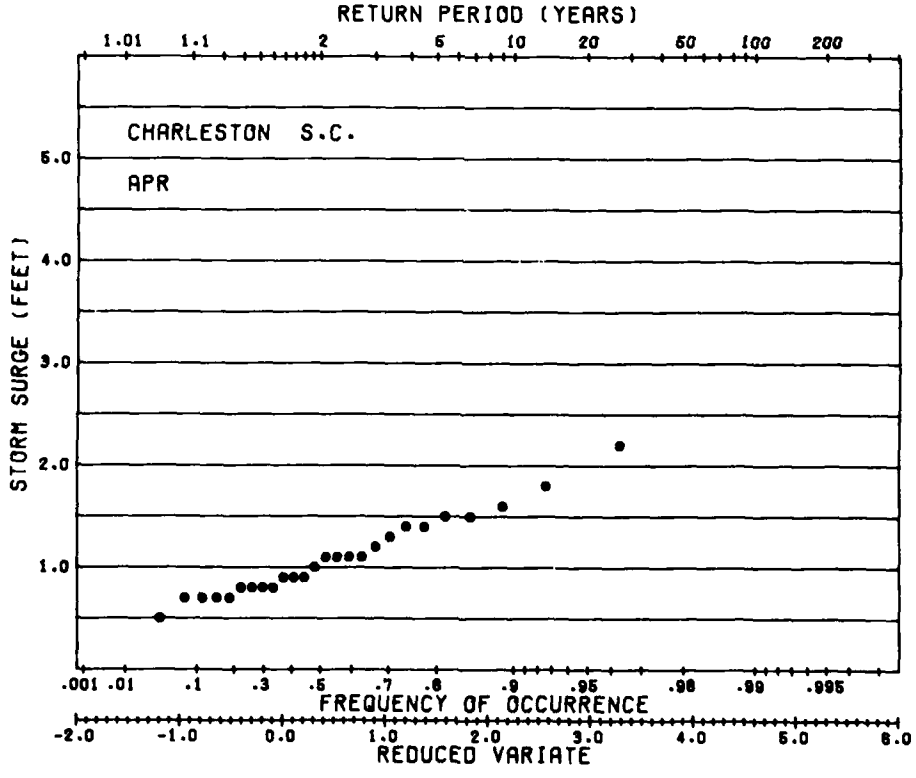
REDUCED VARIATE


RETURN PERIOD (YEARS)
1.01
1.1
2
5
10
20
50
100
200
CHARLESTON S.C.
APR
STORM SURGE (FEET)
5.0
4.0
3.0
2.0
1.0
.001 .01 .1 .3 .5 .7 .8 .9 .95 .98 .99 .995
FREQUENCY OF OCCURRENCE
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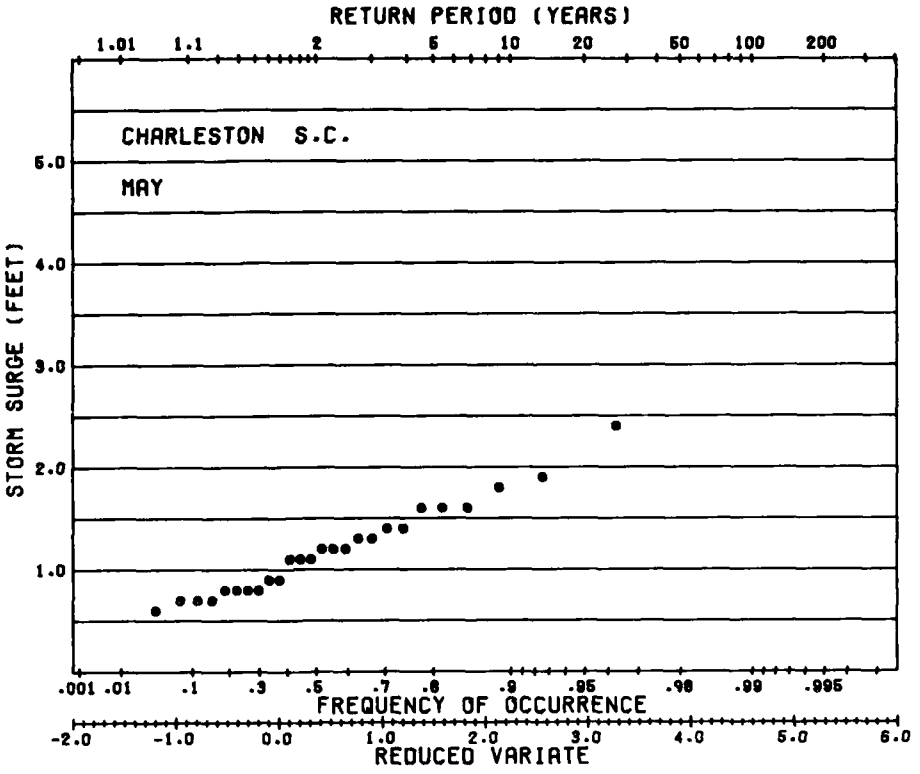
REDUCED VARIATE


RETURN PERIOD (YEARS)
1.01
1.1
2
5
10
20
50
100
200
CHARLESTON S.C.
MAY
STORM SURGE (FEET)
5.0
4.0
3.0
2.0
1.0
.001
.01
.1
.3
.5
.7
.8
.9
.95
.98
.99
.995
FREQUENCY OF OCCURRENCE
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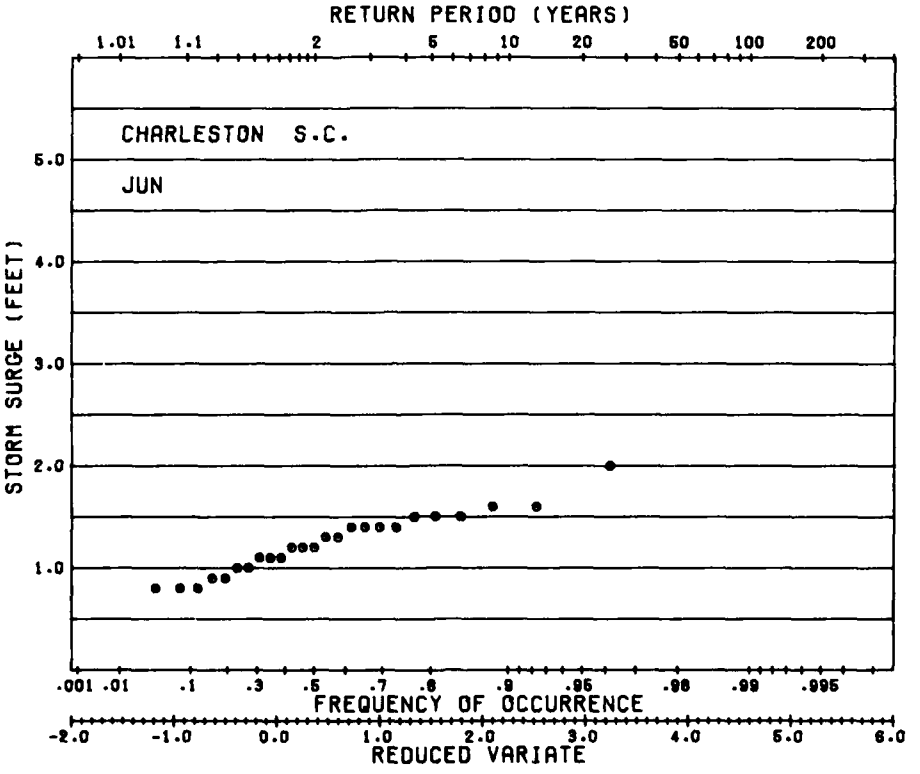
-1.0
0.0
1.0
2.0
3.0
4.0
5.0
6.0
REDUCED VARIATE


RETURN PERIOD (YEARS)
1.01
1.1
2
5
10
20
50
100
200
CHARLESTON S.C.
JUN
STORM SURGE (FEET)
5.0
4.0
3.0
2.0
1.0
.001
.01
.1
.3
.5
.7
.8
.9
.95
.98
.99
.995
FREQUENCY OF OCCURRENCE
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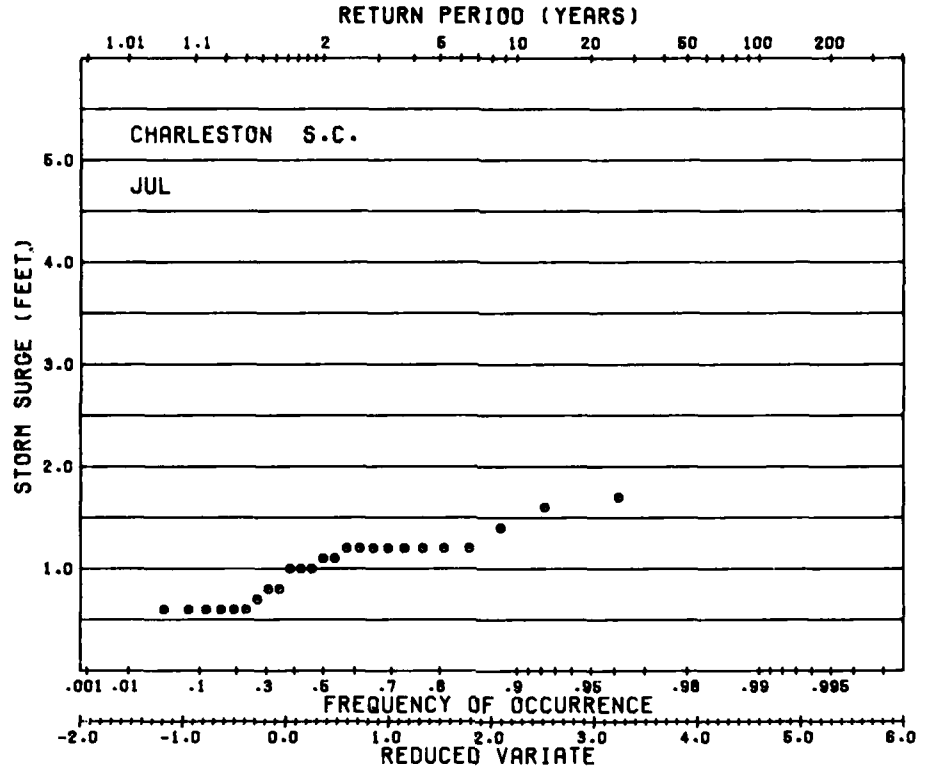
-1.0
0.0
1.0
2.0
3.0
4.0
5.0
6.0
REDUCED VARIATE


RETURN PERIOD (YEARS)
1.01
1.1
2
5
10
20
50
100
200
CHARLESTON S.C.
JUL
STORM SURGE (FEET)
5.0
4.0
3.0
2.0
1.0
.001
.01
.1
.3
.5
.7
.8
.9
.95
.98
.99
.995
FREQUENCY OF OCCURRENCE
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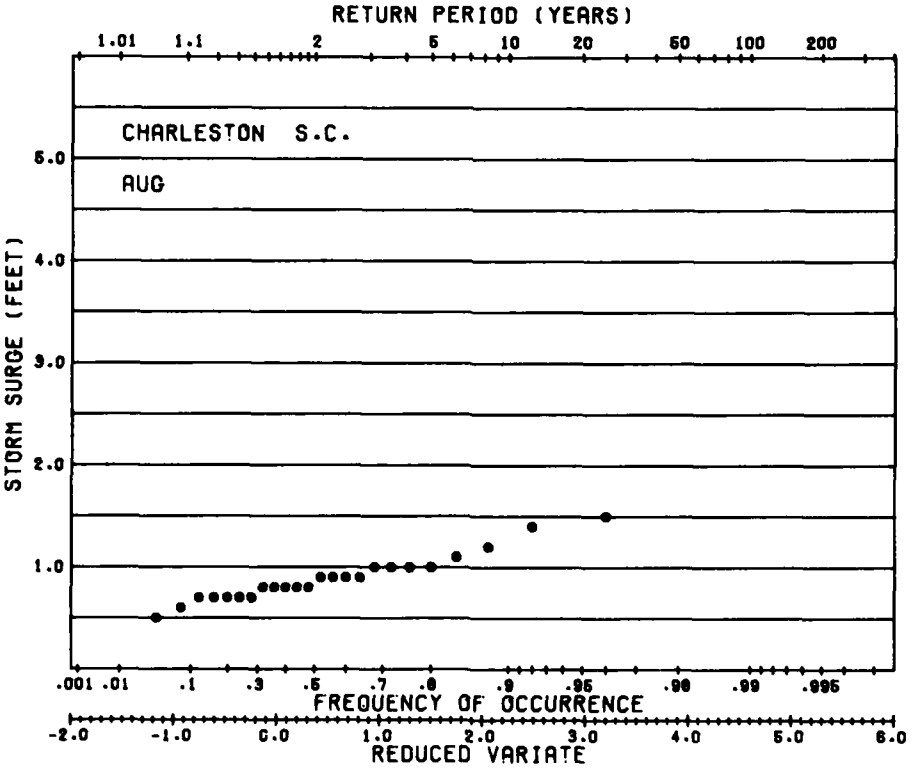
-1.0
0.0
1.0
2.0
3.0
4.0
5.0
6.0
REDUCED VARIATE


RETURN PERIOD (YEARS)
1.01
1.1
2
5
10
20
50
100
200
CHARLESTON S.C.
AUG
STORM SURGE (FEET)
5.0
4.0
3.0
2.0
1.0
.001
.01
.1
.3
.5
.7
.8
.9
.95
.98
.99
.995
FREQUENCY OF OCCURRENCE
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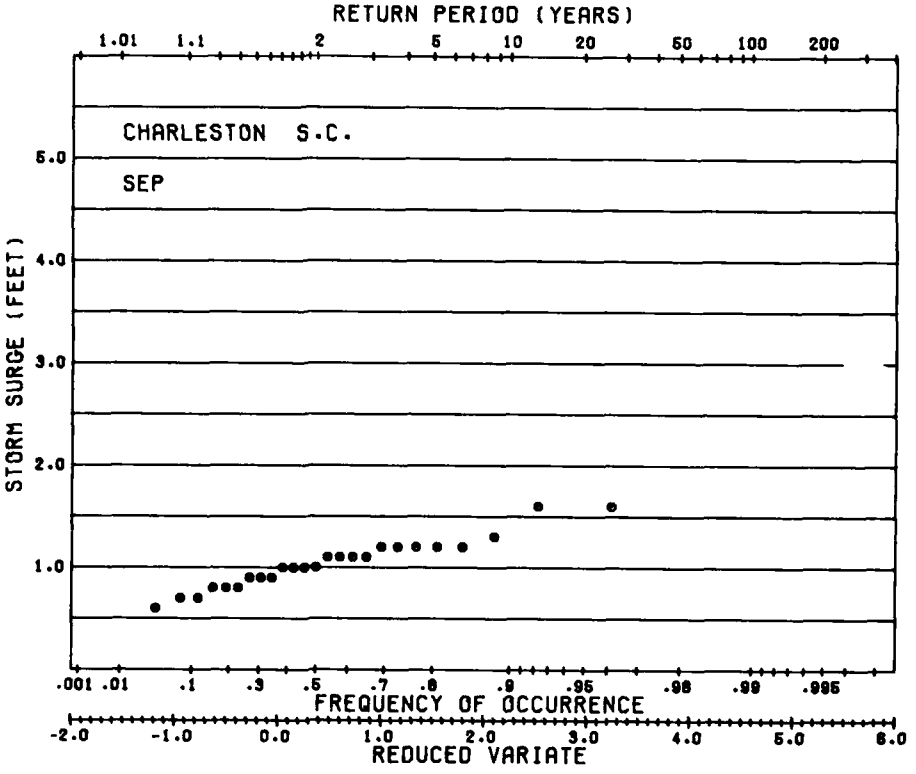
-1.0
0.0
1.0
2.0
3.0
4.0
5.0
6.0
REDUCED VARIATE


RETURN PERIOD (YEARS)
1.01
1.1
2
5
10
20
50
100
200
CHARLESTON S.C.
SEP
STORM SURGE (FEET)
5.0
4.0
3.0
2.0
1.0
.001
.01
.1
.3
.5
.7
.8
.9
.95
.98
.99
.995
FREQUENCY OF OCCURRENCE
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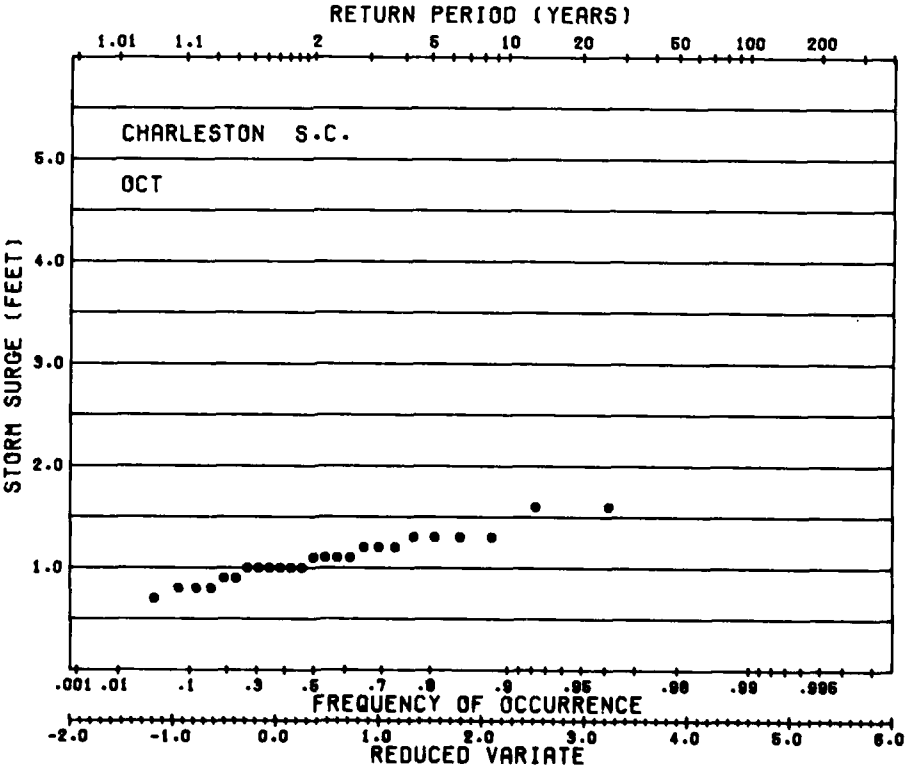
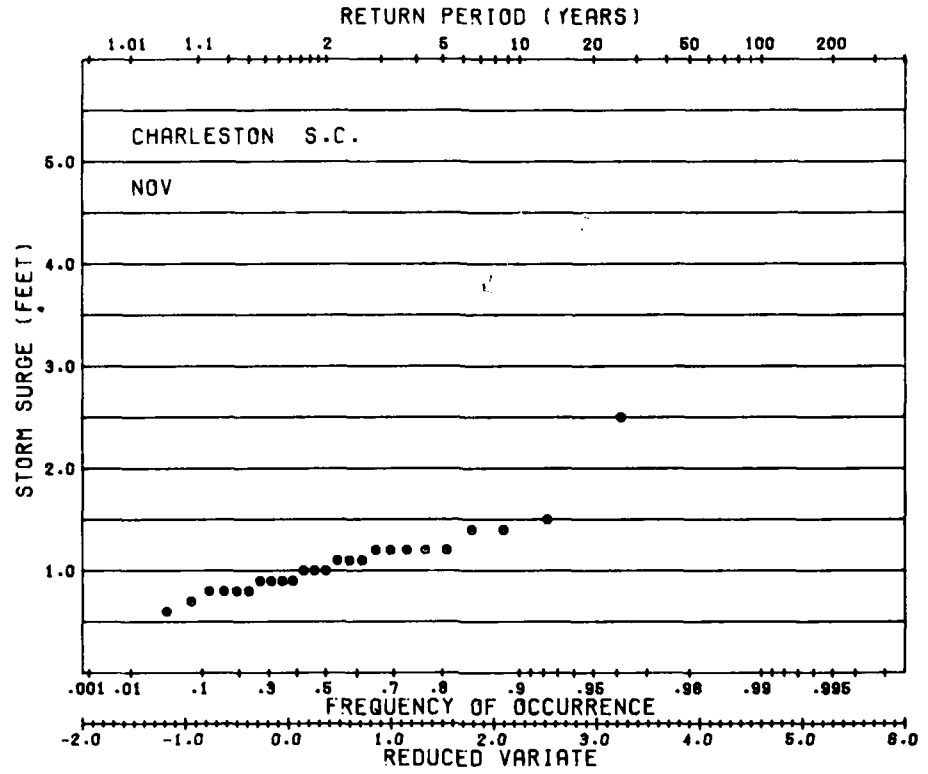
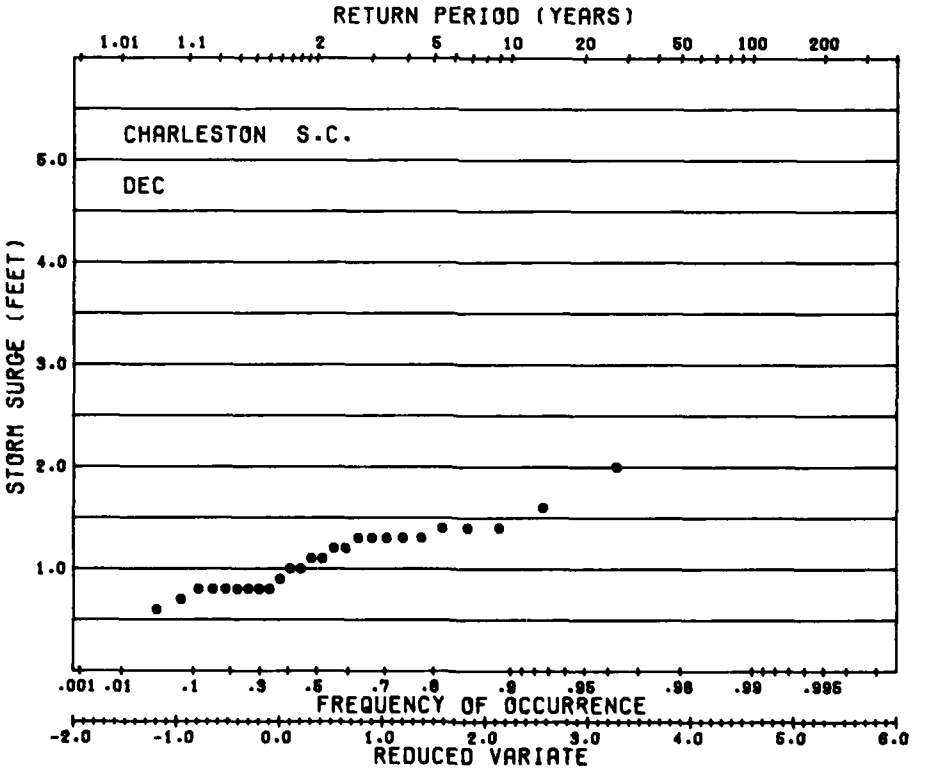
-1.0
0.0
1.0
2.0
3.0
4.0
5.0
6.0
REDUCED VARIATE


RETURN PERIOD (YEARS)
1.01
1.1
2
5
10
20
50
100
200
CHARLESTON S.C.
OCT
STORM SURGE (FEET)
5.0
4.0
3.0
2.0
1.0
.001
.01
.1
.3
.5
.7
.8
.9
.95
.98
.99
.996
FREQUENCY OF OCCURRENCE
-2.0
-1.0
0.0
1.0
2.0
3.0
4.0
5.0
6.0
REDUCED VARIATE


RETURN PERIOD (YEARS)
1.01
1.1
2
5
10
20
50
100
200
CHARLESTON S.C.
NOV
STORM SURGE (FEET)
5.0
4.0
3.0
2.0
1.0
.001
.01
.1
.3
.5
.7
.8
.9
.95
.98
.99
.995
FREQUENCY OF OCCURRENCE
-2.0
-1.0
0.0
1.0
2.0
3.0
4.0
5.0
6.0
REDUCED VARIATE


RETURN PERIOD (YEARS)
1.01
1.1
2
5
10
20
50
100
200
CHARLESTON S.C.
DEC
STORM SURGE (FEET)
5.0
4.0
3.0
2.0
1.0
.001
.01
.1
.3
.5
.7
.8
.9
.95
.98
.99
.995
FREQUENCY OF OCCURRENCE
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-1.0
0.0
1.0
2.0
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4.0
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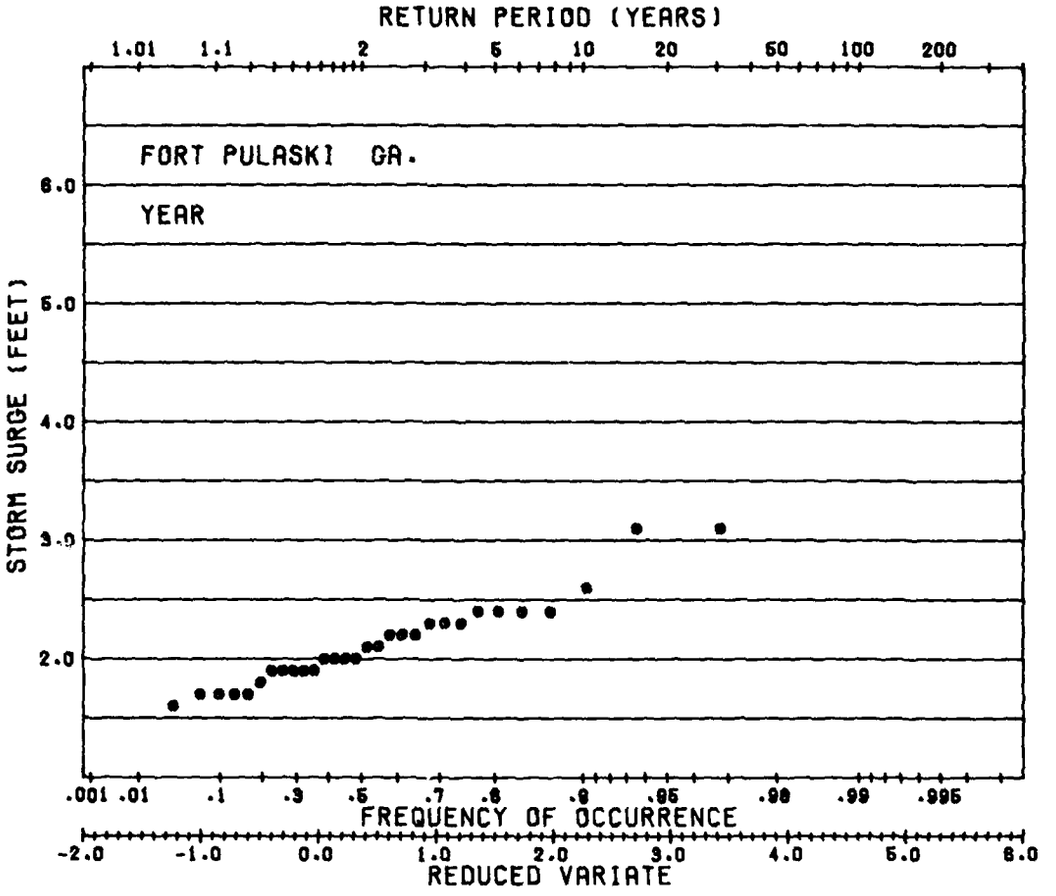
6.0
REDUCED VARIATE


RETURN PERIOD (YEARS)
1.01
1.1
2
5
10
20
50
100
200
FORT PULASKI GA.
YEAR
STORM SURGE (FEET)
6.0
5.0
4.0
3.0
2.0
.001
.01
.1
.9
.5
.7
.8
.95
.98
.99
.995
FREQUENCY OF OCCURRENCE
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-1.0
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1.0
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4.0
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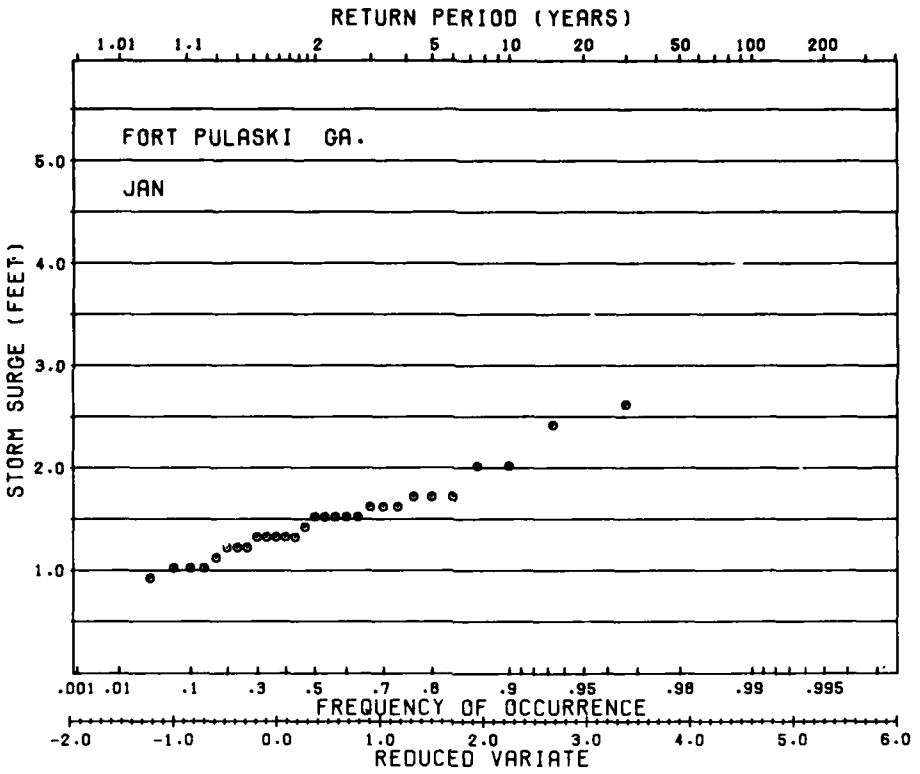
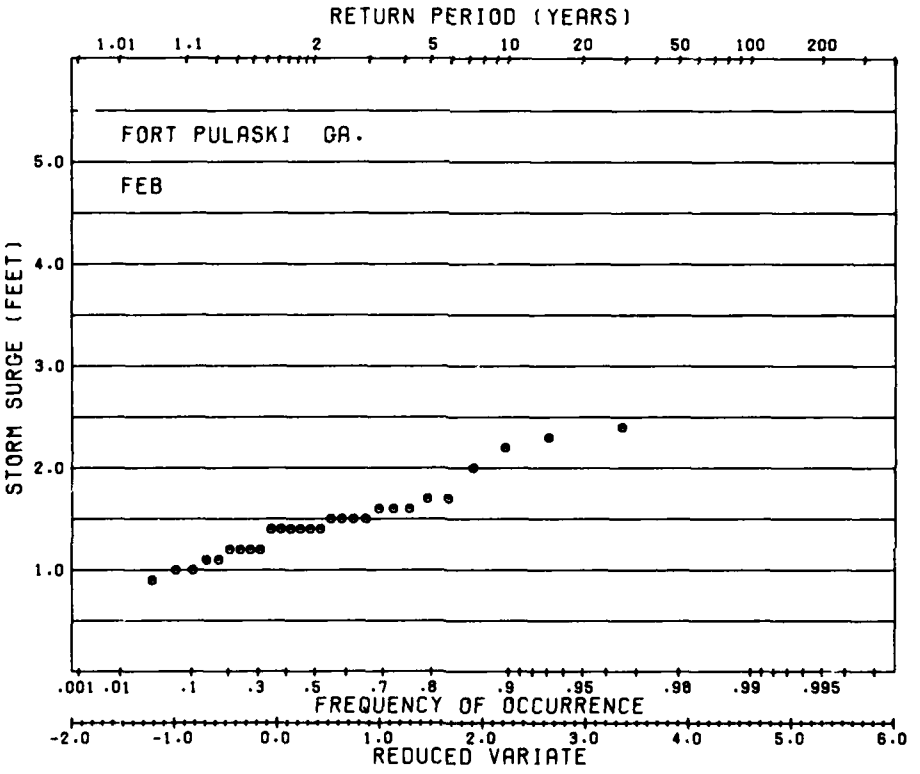
6.0
REDUCED VARIATE


RETURN PERIOD (YEARS)
1.01
1.1
2
5
10
20
50
100
200
FORT PULASKI GA.
JAN
STORM SURGE (FEET)
5.0
4.0
3.0
2.0
1.0
.001 .01 .1 .3 .5 .7 .8 .9 .95 .98 .99 .995
FREQUENCY OF OCCURRENCE
-2.0 -1.0 0.0 1.0 2.0 3.0 4.0 5.0 6.0
REDUCED VARIATE


RETURN PERIOD (YEARS)
1.01
1.1
2
5
10
20
50
100
200
FORT PULASKI GA.
FEB
STORM SURGE (FEET)
5.0
4.0
3.0
2.0
1.0
.001 .01 .1 .3 .5 .7 .8 .9 .95 .98 .99 .995
FREQUENCY OF OCCURRENCE
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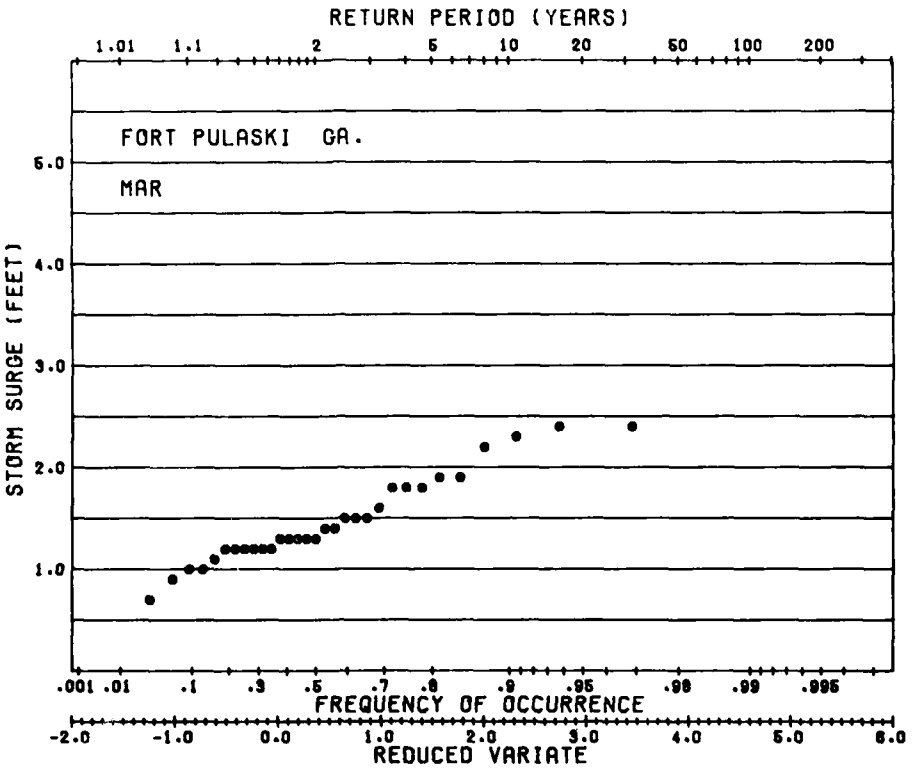
REDUCED VARIATE


RETURN PERIOD (YEARS)
1.01
1.1
2
5
10
20
50
100
200
FORT PULASKI GA.
MAR
STORM SURGE (FEET)
5.0
4.0
3.0
2.0
1.0
.001
.01
.1
.3
.5
.7
.8
.9
.95
.98
.99
.995
FREQUENCY OF OCCURRENCE
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-1.0
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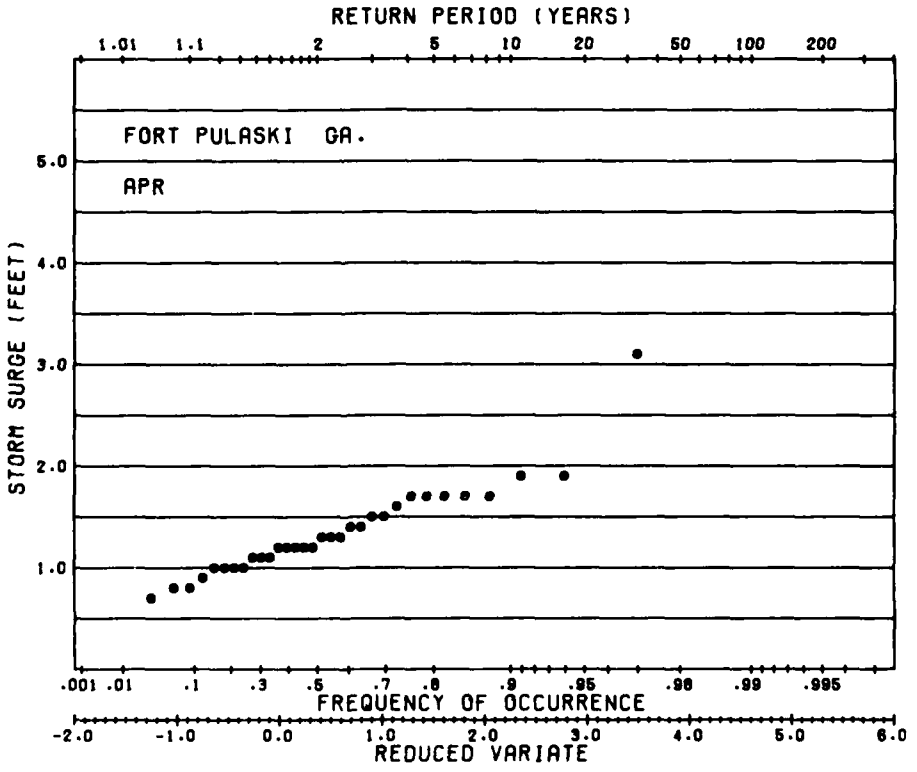
1.0
2.0
3.0
4.0
5.0
6.0
REDUCED VARIATE


RETURN PERIOD (YEARS)
1.01
1.1
2
5
10
20
50
100
200
FORT PULASKI GA.
APR
STORM SURGE (FEET)
5.0
4.0
3.0
2.0
1.0
.001
.01
.1
.3
.5
.7
.8
.9
.95
.98
.99
.995
FREQUENCY OF OCCURRENCE
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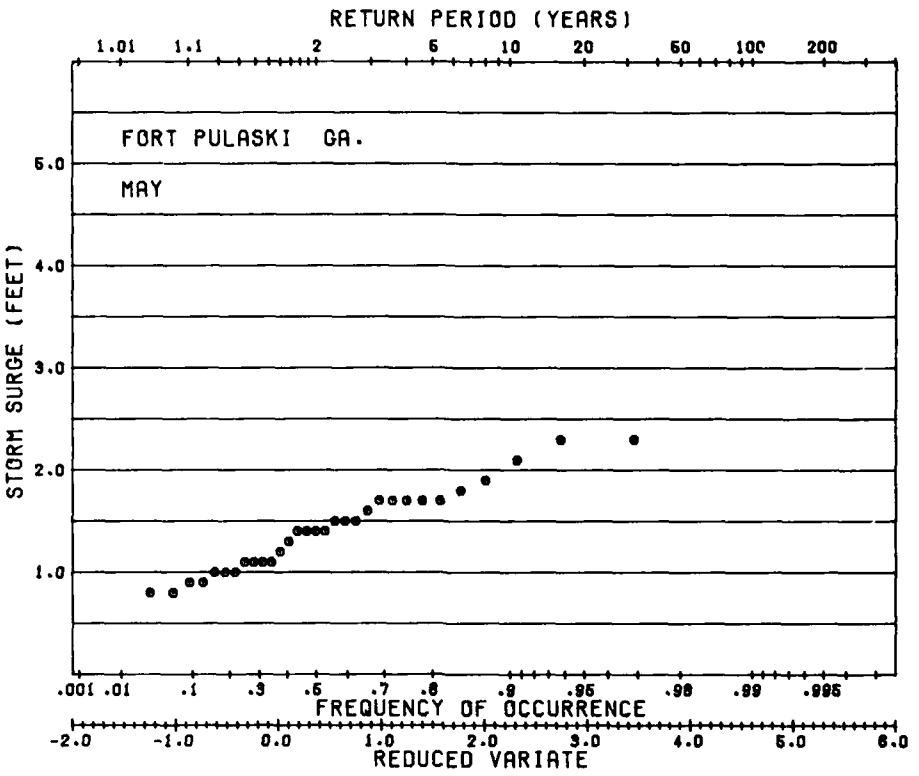
-1.0
0.0
1.0
2.0
3.0
4.0
5.0
6.0
REDUCED VARIATE


RETURN PERIOD (YEARS)
1.01
1.1
2
5
10
20
50
100
200
FORT PULASKI GA.
MAY
STORM SURGE (FEET)
5.0
4.0
3.0
2.0
1.0
.001
.01
.1
.3
.5
.7
.8
.9
.95
.98
.99
.995
FREQUENCY OF OCCURRENCE
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1.0
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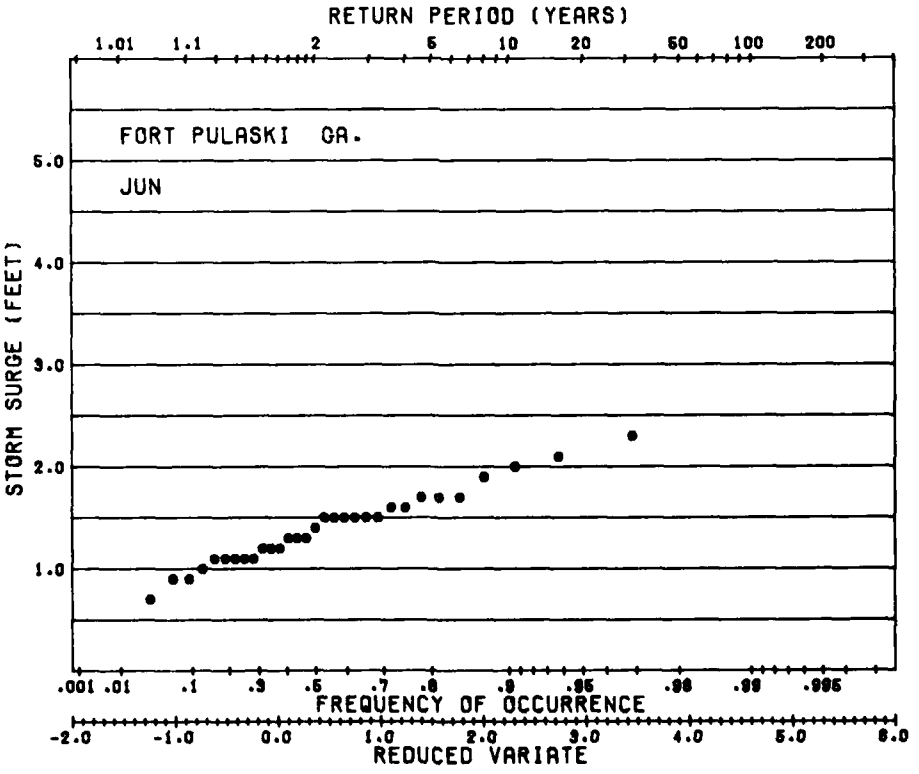
4.0
5.0
6.0
REDUCED VARIATE


RETURN PERIOD (YEARS)
1.01
1.1
2
5
10
20
50
100
200
FORT PULASKI GA.
JUN
STORM SURGE (FEET)
5.0
4.0
3.0
2.0
1.0
.001
.01
.1
.3
.5
.7
.8
.9
.95
.98
.99
.995
FREQUENCY OF OCCURRENCE
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-1.0
0.0
1.0
2.0
3.0
4.0
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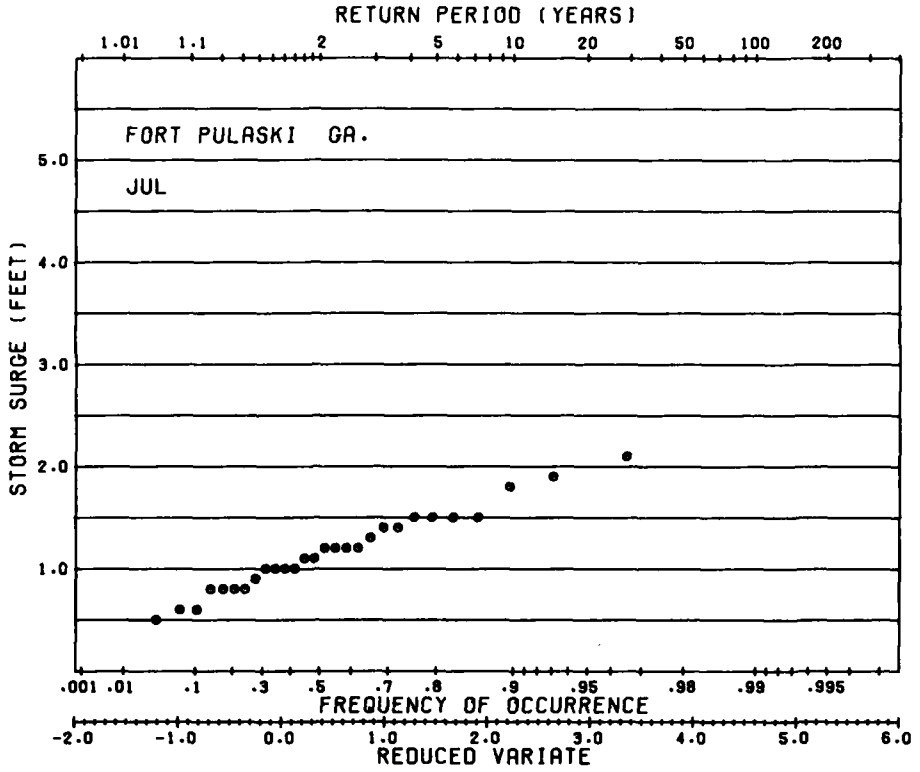
6.0
REDUCED VARIATE


RETURN PERIOD (YEARS)
1.01
1.1
2
5
10
20
50
100
200
FORT PULASKI GA.
JUL
STORM SURGE (FEET)
5.0
4.0
3.0
2.0
1.0
.001
.01
.1
.3
.5
.7
.8
.9
.95
.98
.99
.995
FREQUENCY OF OCCURRENCE
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-1.0
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1.0
2.0
3.0
4.0
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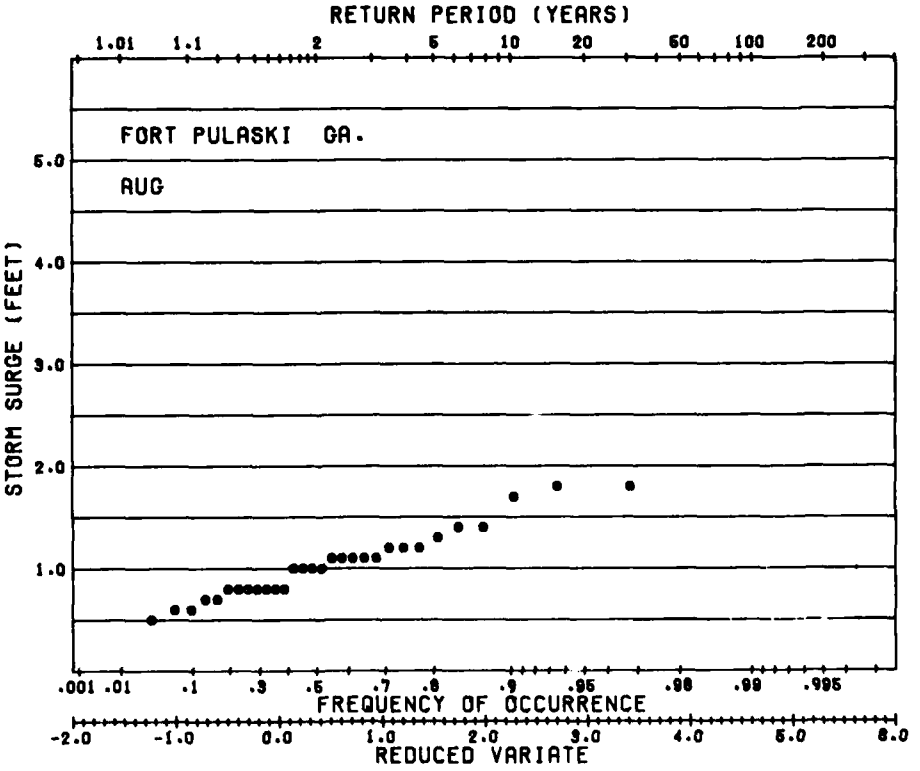
REDUCED VARIATE


RETURN PERIOD (YEARS)
1.01
1.1
2
5
10
20
50
100
200
FORT PULASKI GA.
AUG
STORM SURGE (FEET)
5.0
4.0
3.0
2.0
1.0
.001
.01
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.3
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.95
.98
.99
.995
FREQUENCY OF OCCURRENCE
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-1.0
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1.0
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4.0
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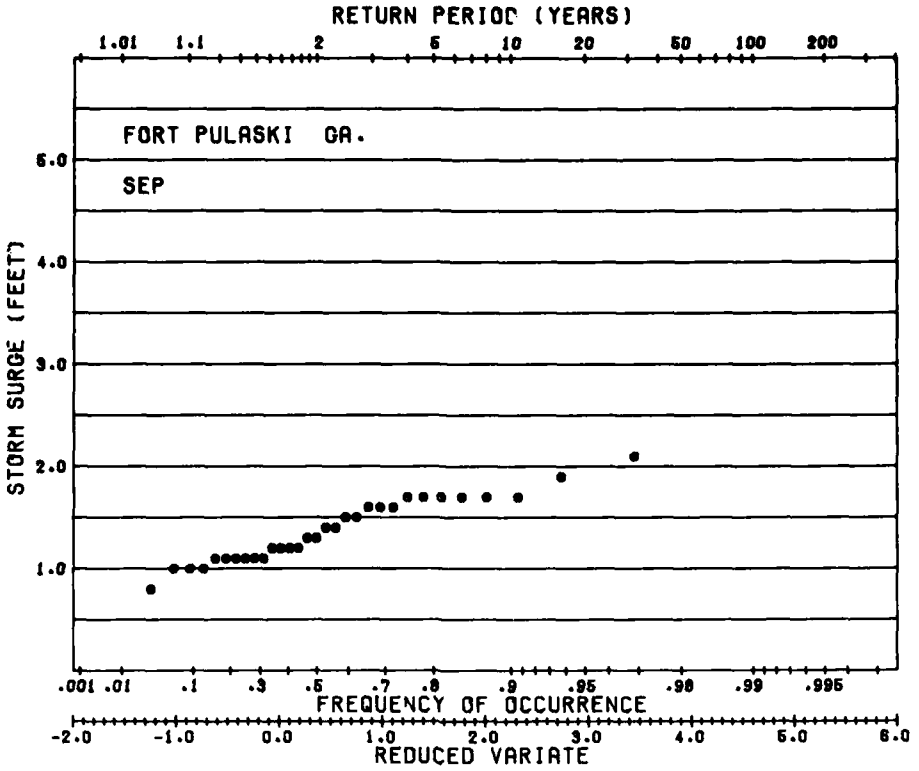
6.0
REDUCED VARIATE


RETURN PERIOD (YEARS)
1.01
1.1
2
5
10
20
50
100
200
FORT PULASKI GA.
SEP
STORM SURGE (FEET)
6.0
4.0
3.0
2.0
1.0
.001
.01
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.95
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.99
.995
FREQUENCY OF OCCURRENCE
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1.0
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4.0
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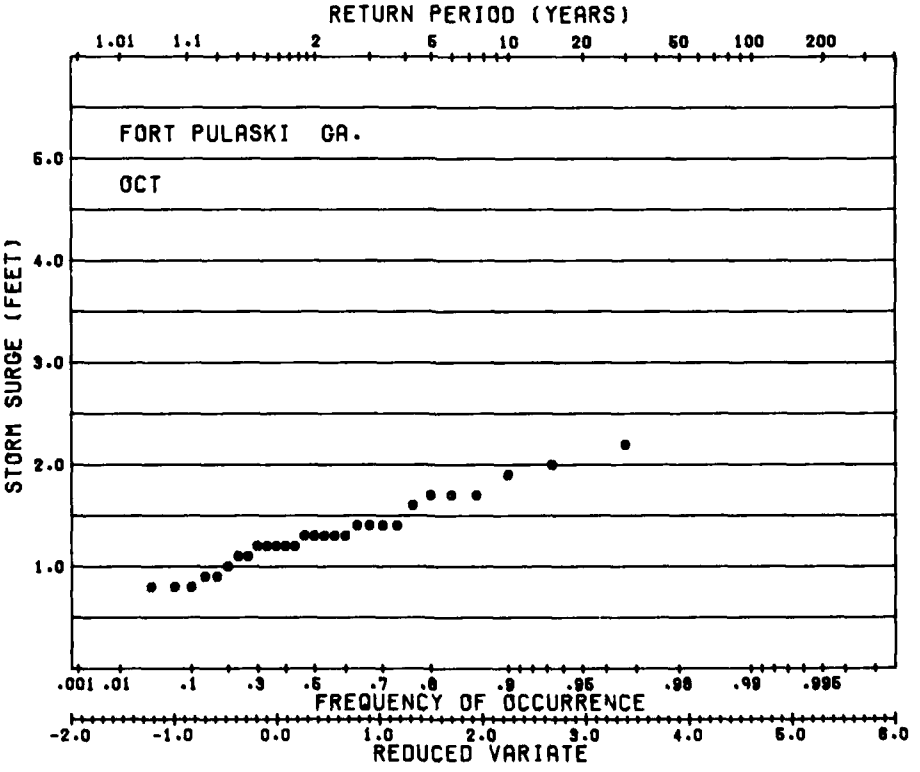
6.0
REDUCED VARIATE


RETURN PERIOD (YEARS)
1.01
1.1
2
5
10
20
50
100
200
FORT PULASKI GA.
OCT
STORM SURGE (FEET)
6.0
4.0
3.0
2.0
1.0
.001
.01
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.95
.98
.99
.995
FREQUENCY OF OCCURRENCE
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-1.0
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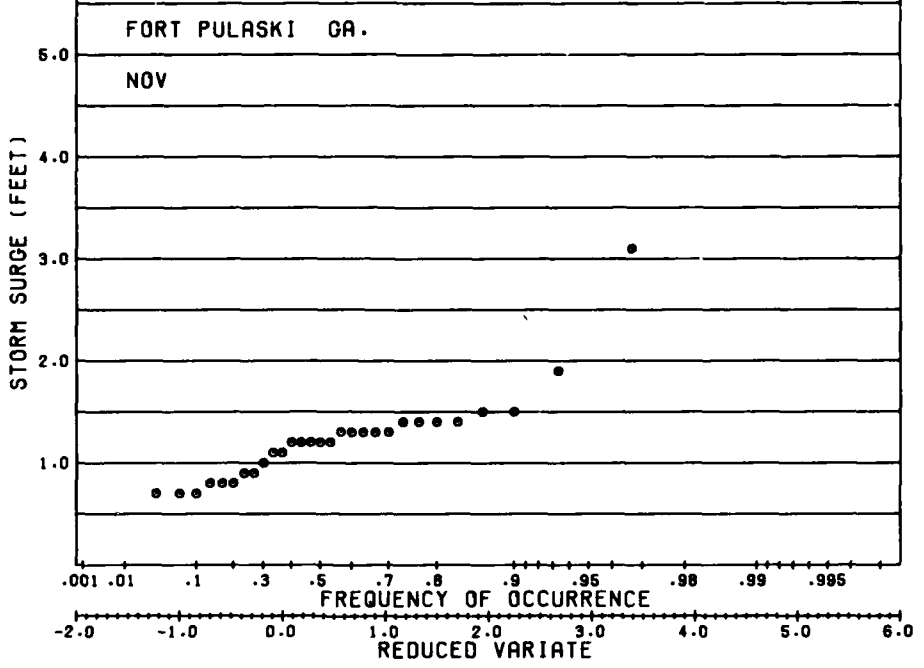
REDUCED VARIATE


RETURN PERIOD (YEARS)
1.01
1.1
2
5
10
20
50
100
200
FORT PULASKI GA.
NOV
STORM SURGE (FEET)
5.0
4.0
3.0
2.0
1.0
.001
.01
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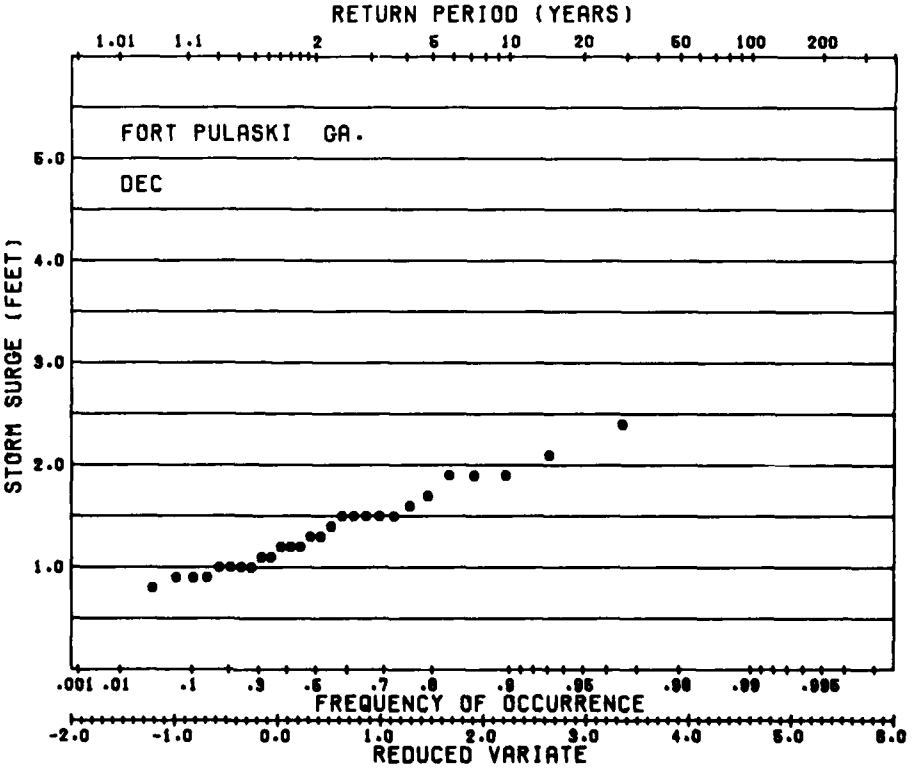
FREQUENCY OF OCCURRENCE
-2.0
-1.0
0.0
1.0
2.0
3.0
4.0
5.0
6.0
REDUCED VARIATE


RETURN PERIOD (YEARS)
1.01
1.1
2
5
10
20
50
100
200
FORT PULASKI GA.
DEC
STORM SURGE (FEET)
5.0
4.0
3.0
2.0
1.0
.001
.01
.1
.3
.5
.7
.8
.9
.95
.98
.99
.995
FREQUENCY OF OCCURRENCE
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-1.0
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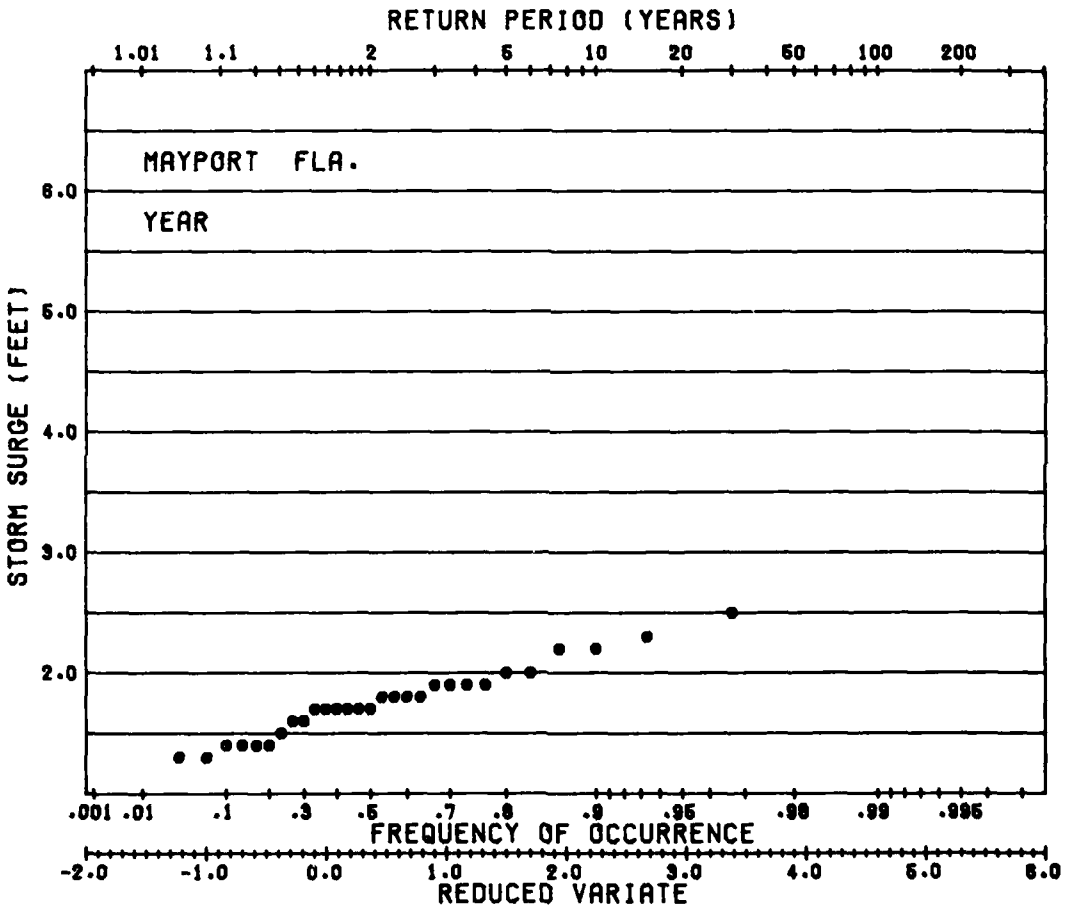
1.0
2.0
3.0
4.0
5.0
6.0
REDUCED VARIATE


RETURN PERIOD (YEARS)
1.01
1.1
2
5
10
20
50
100
200
MAYPORT FLA.
YEAR
STORM SURGE (FEET)
6.0
5.0
4.0
3.0
2.0
.001
.01
.1
.3
.5
.7
.8
.9
.95
.98
.99
.995
FREQUENCY OF OCCURRENCE
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-1.0
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1.0
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3.0
4.0
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6.0
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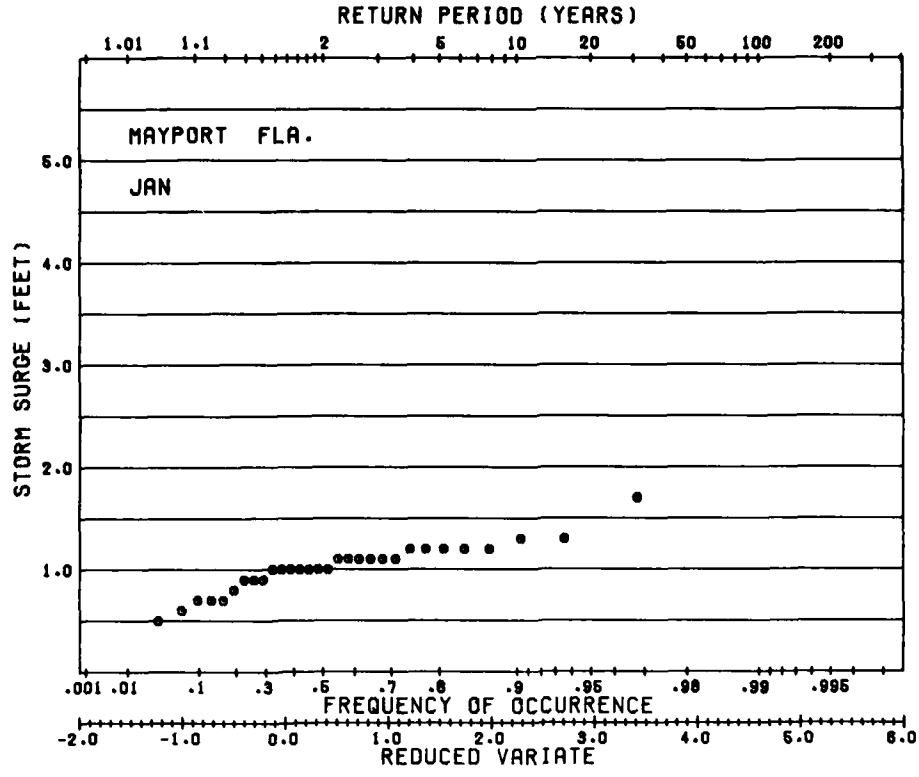
RETURN PERIOD (YEARS)
1.01
1.1
2
5
10
20
50
100
200
MAYPORT FLA.
JAN
STORM SURGE (FEET)
5.0
4.0
3.0
2.0
1.0
.001 .01 .1 .3 .5 .7 .8 .9 .95 .98 .99 .995
FREQUENCY OF OCCURRENCE
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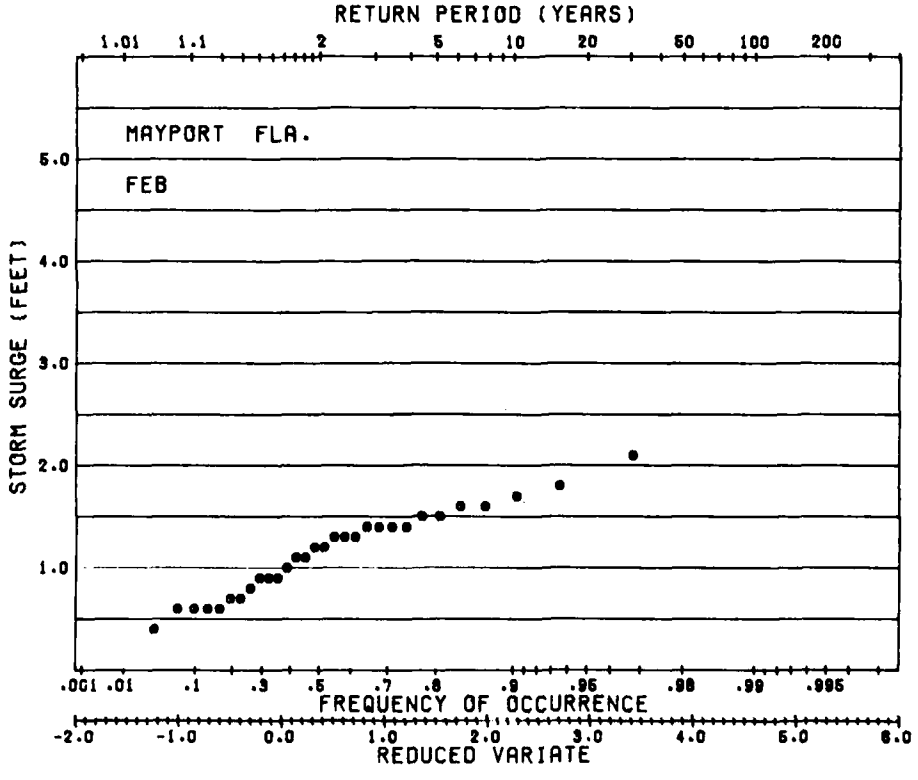
REDUCED VARIATE


RETURN PERIOD (YEARS)
1.01
1.1
2
5
10
20
50
100
200
MAYPORT FLA.
FEB
STORM SURGE (FEET)
5.0
4.0
3.0
2.0
1.0
.001 .01 .1 .3 .5 .7 .8 .9 .95 .98 .99 .995
FREQUENCY OF OCCURRENCE
-2.0 -1.0 0.0 1.0 2.0 3.0 4.0 5.0 6.0
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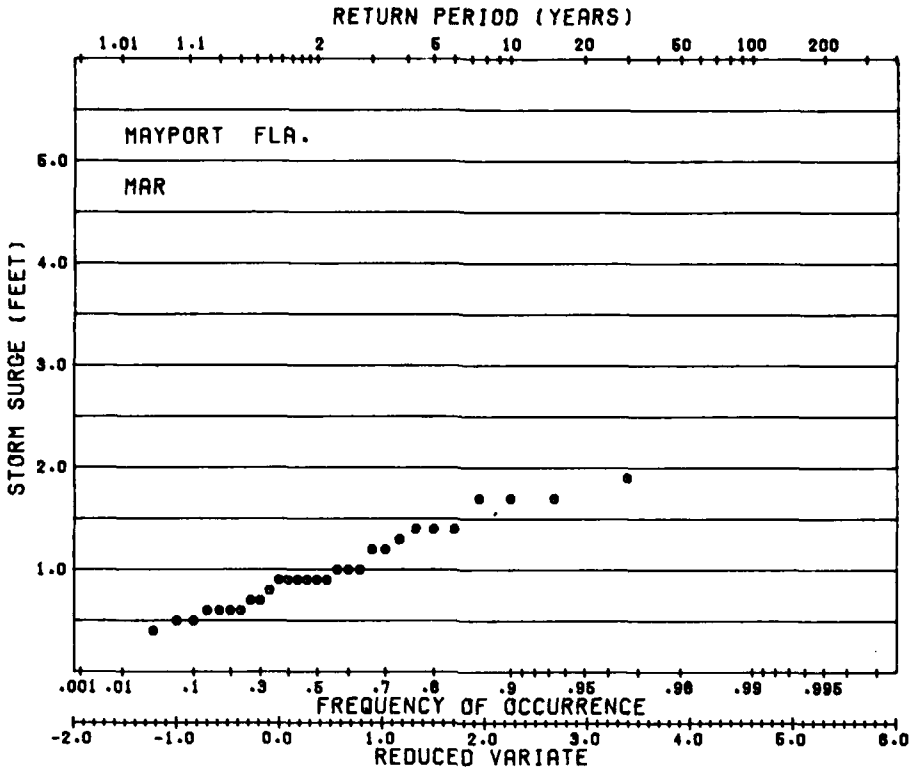
RETURN PERIOD (YEARS)
1.01
1.1
2
5
10
20
50
100
200
MAYPORT FLA.
MAR
STORM SURGE (FEET)
5.0
4.0
3.0
2.0
1.0
.001
.01
.1
.3
.5
.7
.8
.9
.95
.98
.99
.995
FREQUENCY OF OCCURRENCE
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-1.0
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1.0
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3.0
4.0
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6.0
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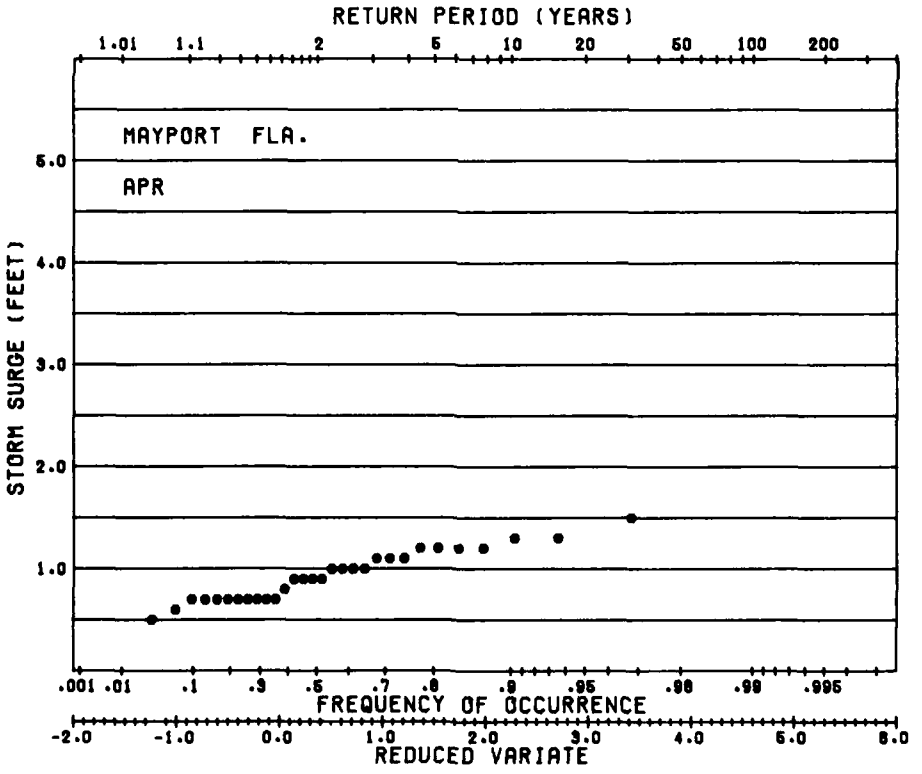
RETURN PERIOD (YEARS)
1.01
1.1
2
5
10
20
50
100
200
MAYPORT FLA.
APR
STORM SURGE (FEET)
5.0
4.0
3.0
2.0
1.0
.001
.01
.1
.3
.5
.7
.8
.9
.95
.98
.99
.995
FREQUENCY OF OCCURRENCE
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-1.0
0.0
1.0
2.0
3.0
4.0
5.0
6.0
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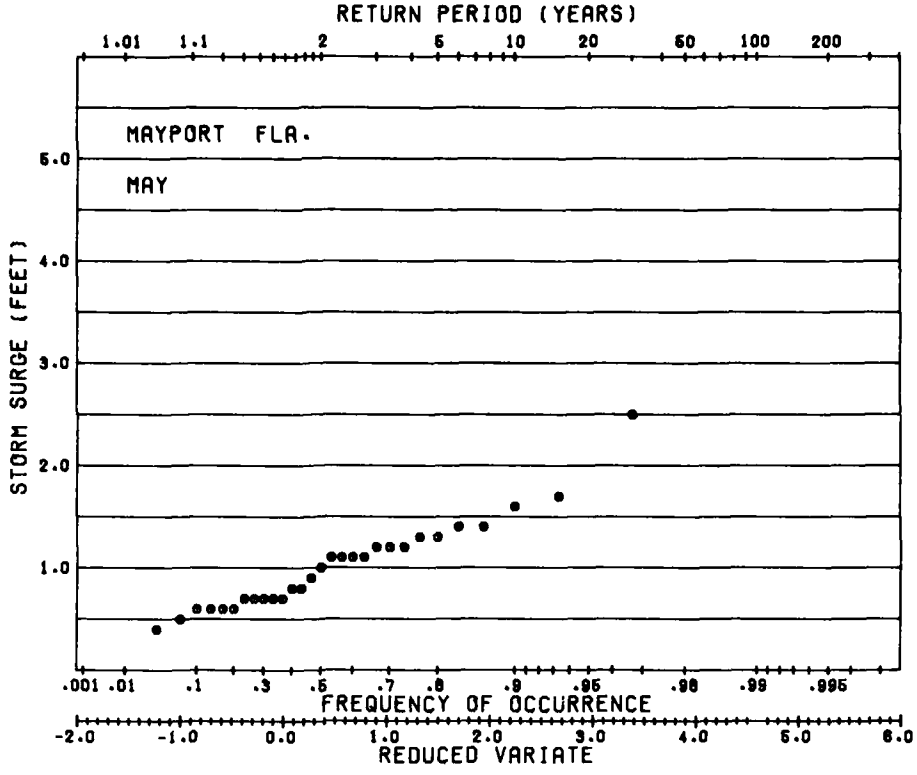
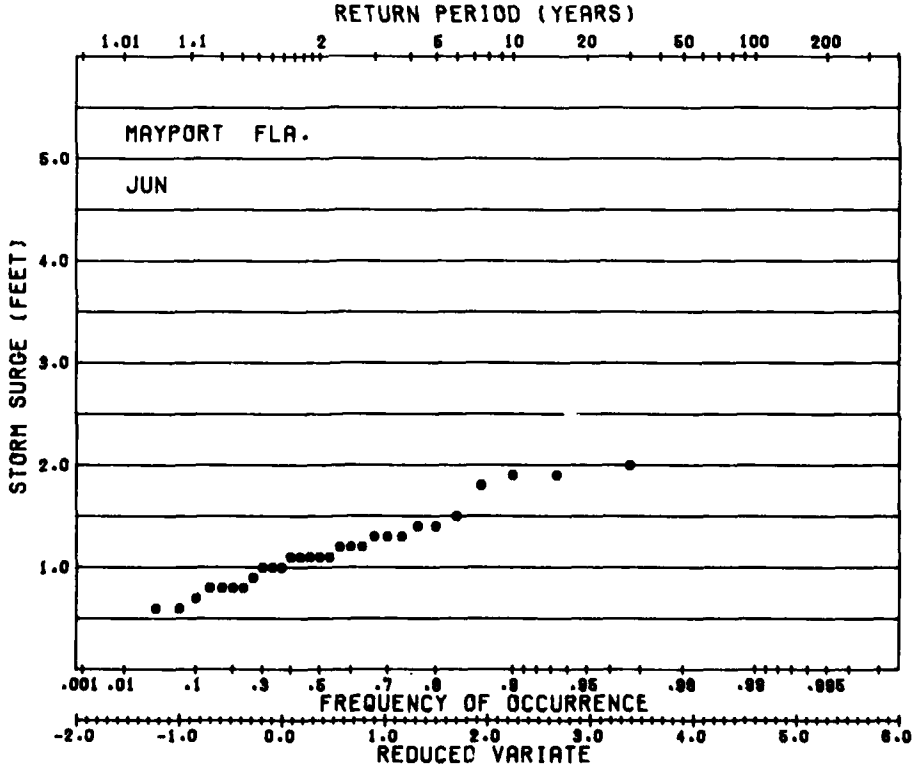
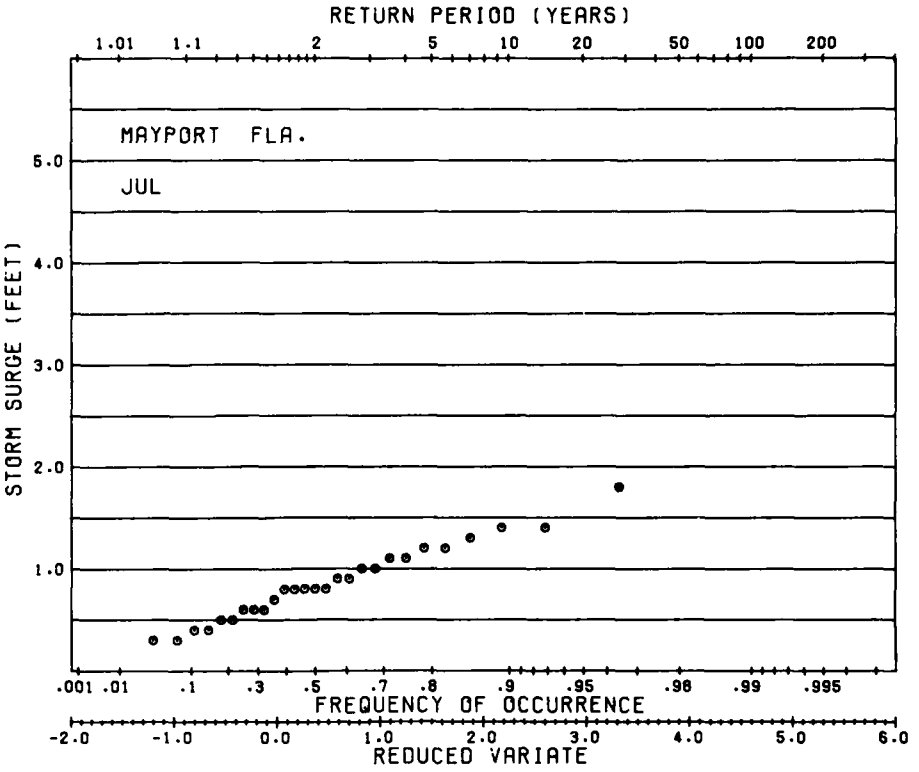
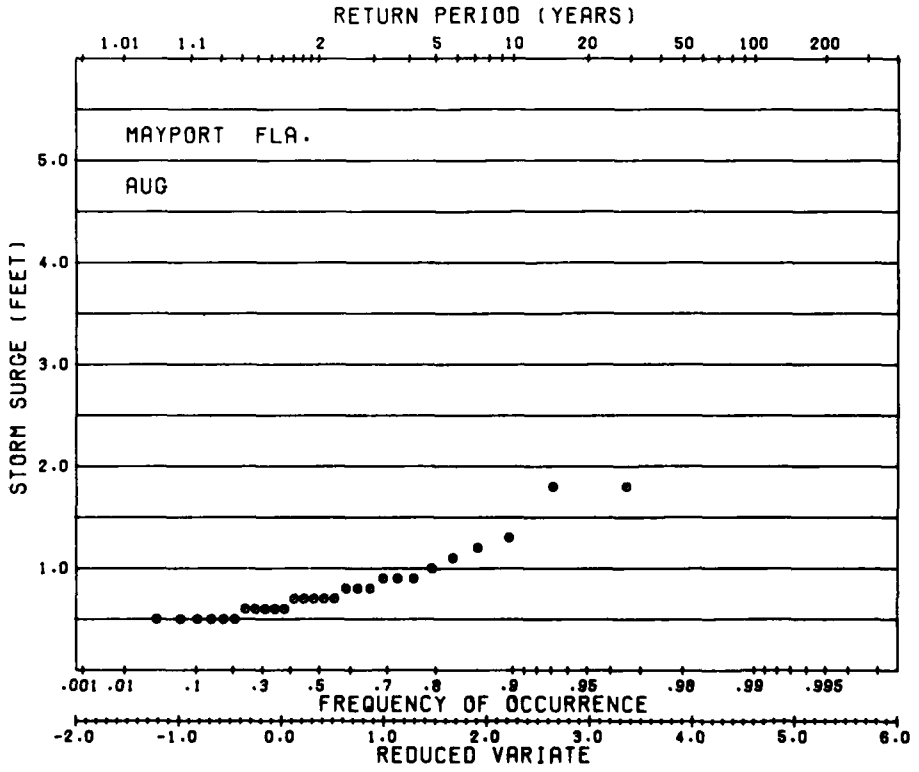

RETURN PERIOD (YEARS)
1.01
1.1
2
5
10
20
50
100
200
MAYPORT FLA.
MAY
STORM SURGE (FEET)
5.0
4.0
3.0
2.0
1.0
.001 .01 .1 .3 .5 .7 .8 .9 .95 .98 .99 .995
FREQUENCY OF OCCURRENCE
-2.0 -1.0 0.0 1.0 2.0 3.0 4.0 5.0 6.0
REDUCED VARIATE


RETURN PERIOD (YEARS)
1.01
1.1
2
5
10
20
50
100
200
MAYPORT FLA.
JUN
STORM SURGE (FEET)
5.0
4.0
3.0
2.0
1.0
.001 .01 .1 .3 .5 .7 .8 .9 .95 .98 .99 .995
FREQUENCY OF OCCURRENCE
-2.0 -1.0 0.0 1.0 2.0 3.0 4.0 5.0 6.0
REDUCED VARIATE


RETURN PERIOD (YEARS)
1.01
1.1
2
5
10
20
50
100
200
MAYPORT FLA.
JUL
STORM SURGE (FEET)
5.0
4.0
3.0
2.0
1.0
.001 .01 .1 .3 .5 .7 .8 .9 .95 .98 .99 .995
FREQUENCY OF OCCURRENCE
-2.0 -1.0 0.0 1.0 2.0 3.0 4.0 5.0 6.0
REDUCED VARIATE


RETURN PERIOD (YEARS)
1.01
1.1
2
5
10
20
50
100
200
MAYPORT FLA.
AUG
STORM SURGE (FEET)
5.0
4.0
3.0
2.0
1.0
.001 .01 .1 .3 .5 .7 .8 .9 .95 .98 .99 .995
FREQUENCY OF OCCURRENCE
-2.0 -1.0 0.0 1.0 2.0 3.0 4.0 5.0 6.0
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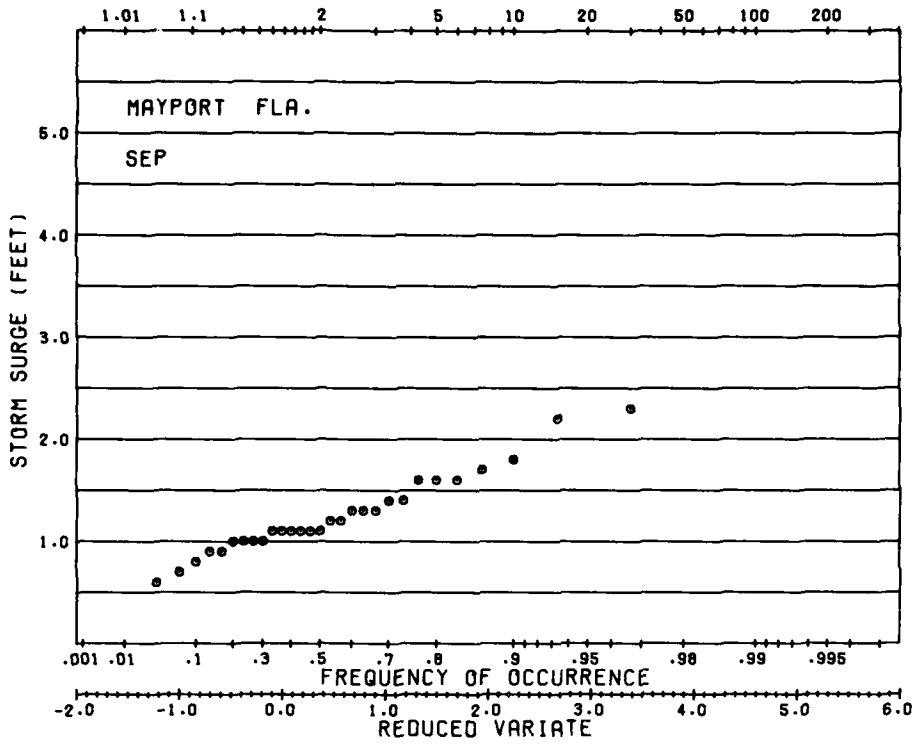
RETURN PERIOD (YEARS)
1.01
1.1
2
5
10
20
50
100
200
MAYPORT FLA.
SEP
STORM SURGE (FEET)
5.0
4.0
3.0
2.0
1.0
.001
.01
.1
.3
.5
.7
.8
.9
.95
.98
.99
.995
FREQUENCY OF OCCURRENCE
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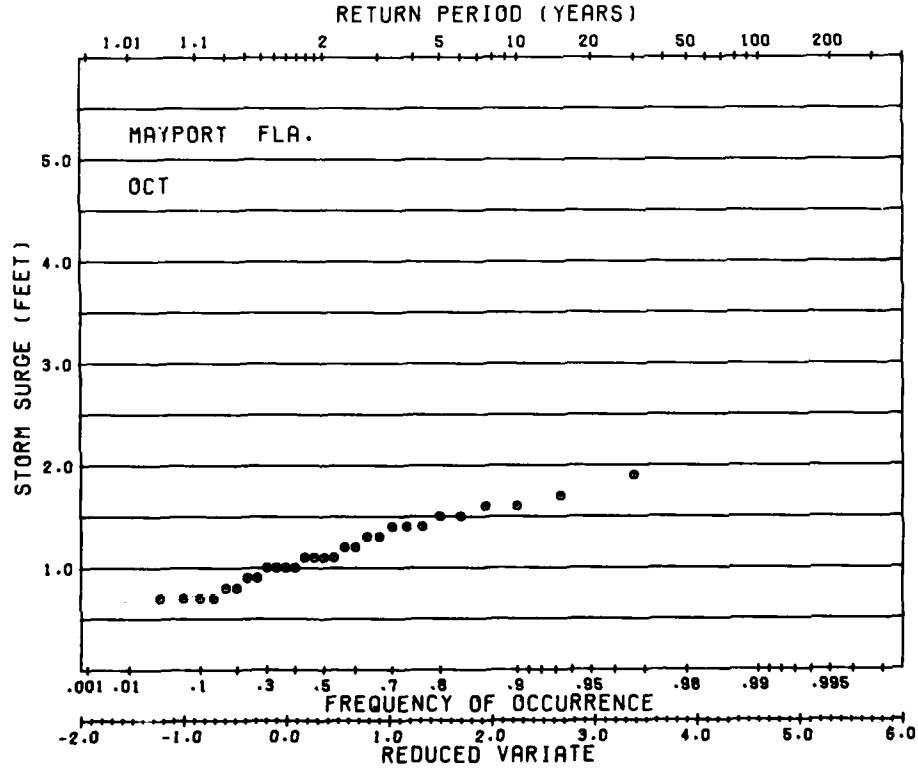
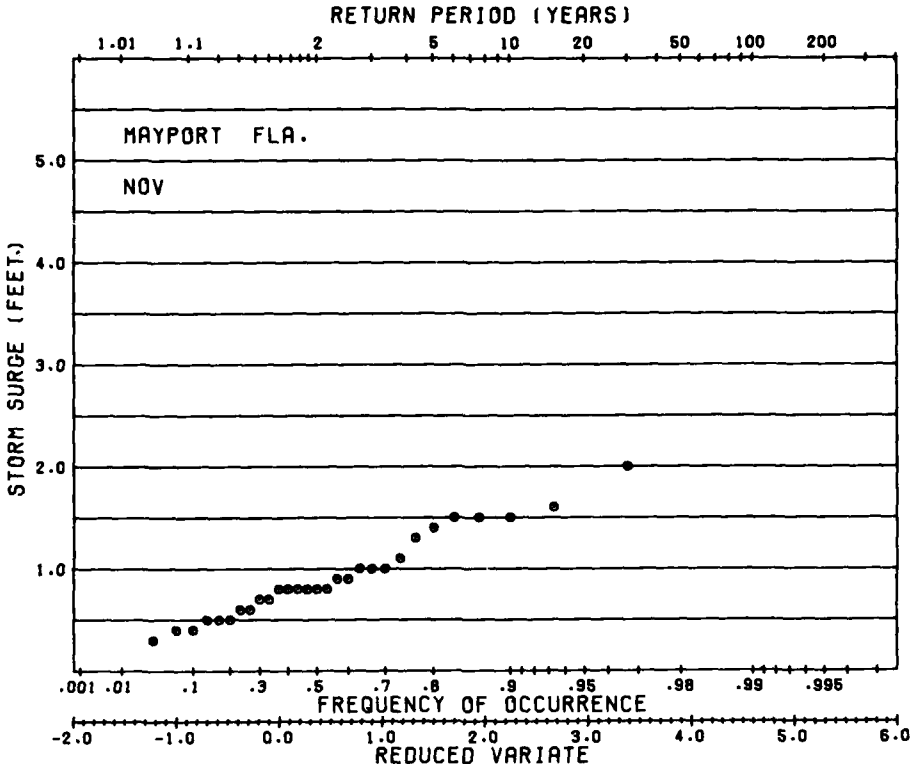
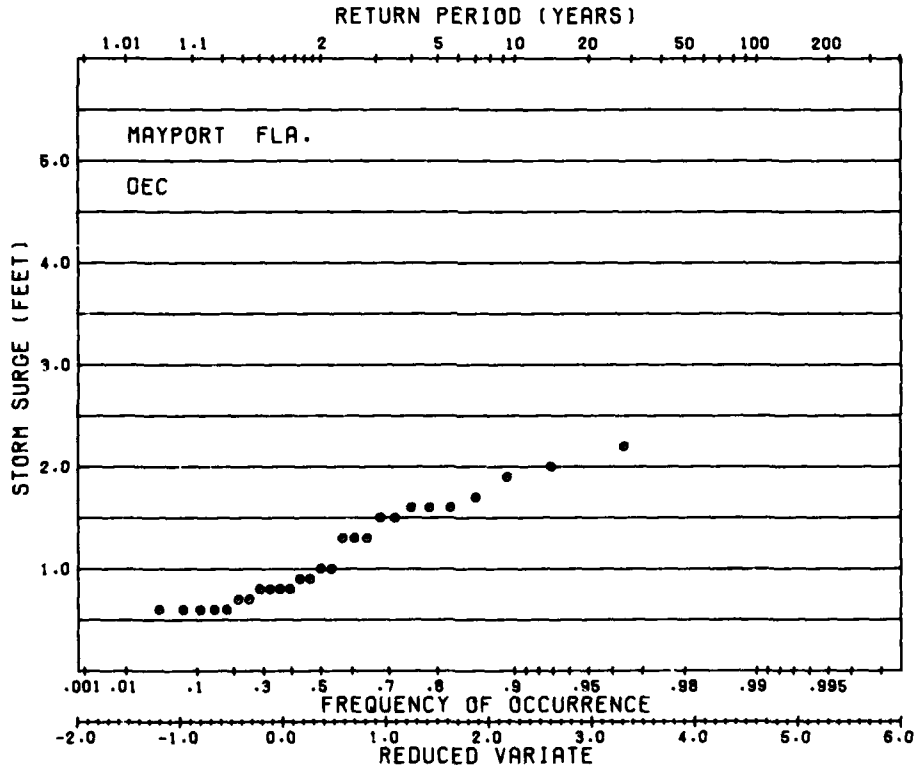
-1.0
0.0
1.0
2.0
3.0
4.0
5.0
6.0
REDUCED VARIATE


RETURN PERIOD (YEARS)
1.01
1.1
2
5
10
20
50
100
200
MAYPORT FLA.
OCT
STORM SURGE (FEET)
5.0
4.0
3.0
2.0
1.0
.001
.01
.1
.3
.5
.7
.8
.9
.95
.98
.99
.995
FREQUENCY OF OCCURRENCE
-2.0
-1.0
0.0
1.0
2.0
3.0
4.0
5.0
6.0
REDUCED VARIATE


RETURN PERIOD (YEARS)
1.01
1.1
2
5
10
20
50
100
200
MAYPORT FLA.
NOV
STORM SURGE (FEET)
5.0
4.0
3.0
2.0
1.0
.001
.01
.1
.3
.5
.7
.8
.9
.95
.98
.99
.995
FREQUENCY OF OCCURRENCE
-2.0
-1.0
0.0
1.0
2.0
3.0
4.0
5.0
6.0
REDUCED VARIATE


RETURN PERIOD (YEARS)
1.01
1.1
2
5
10
20
50
100
200
MAYPORT FLA.
DEC
STORM SURGE (FEET)
5.0
4.0
3.0
2.0
1.0
.001
.01
.1
.3
.5
.7
.8
.9
.95
.98
.99
.995
FREQUENCY OF OCCURRENCE
-2.0
-1.0
0.0
1.0
2.0
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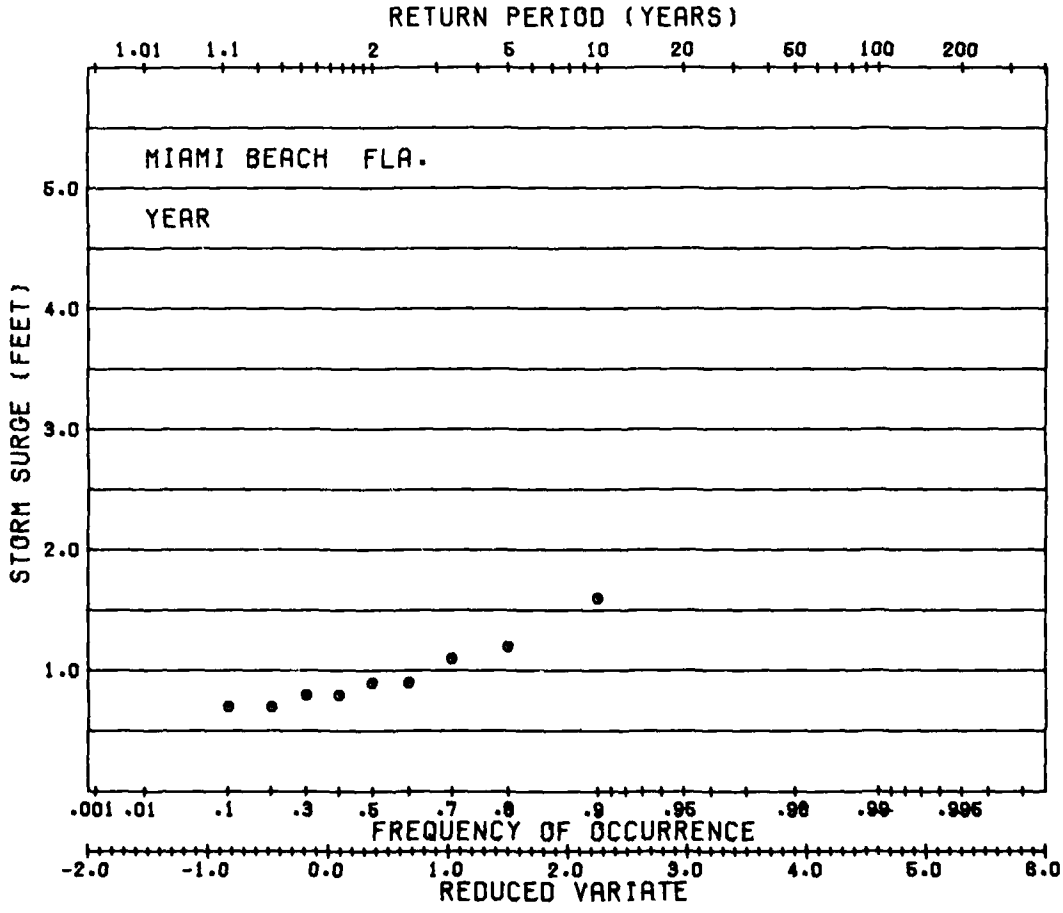
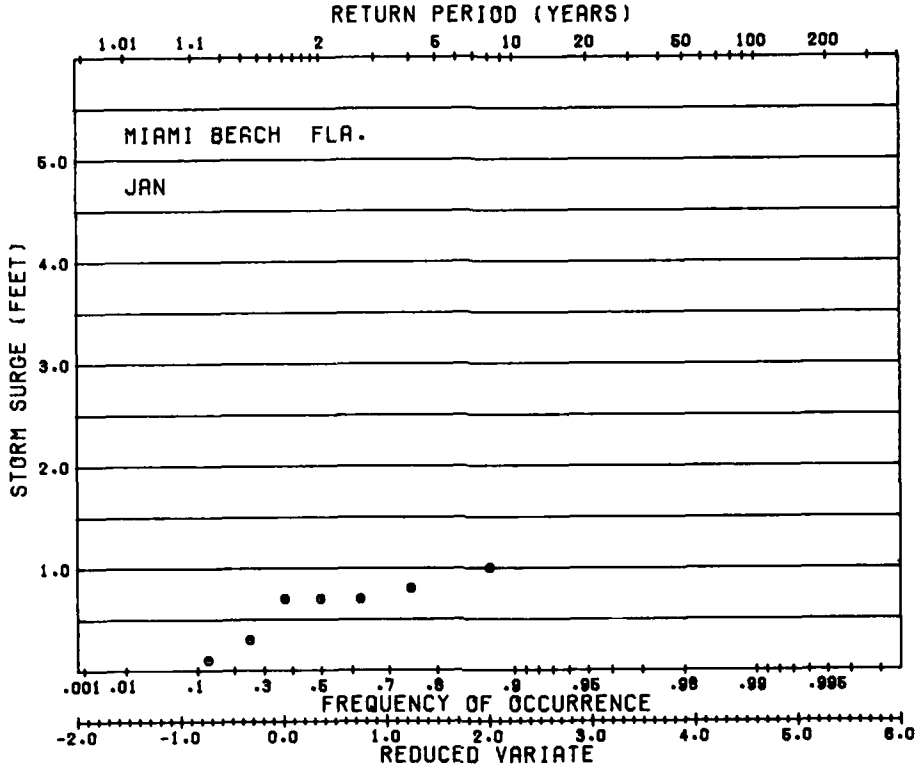
4.0
5.0
6.0
REDUCED VARIATE


RETURN PERIOD (YEARS)
1.01
1.1
2
5
10
20
50
100
200
MIAMI BEACH FLA.
YEAR
STORM SURGE (FEET)
5.0
4.0
3.0
2.0
1.0
.001
.01
.1
.3
.5
.7
.8
.9
.95
.98
.99
.995
FREQUENCY OF OCCURRENCE
-2.0
-1.0
0.0
1.0
2.0
3.0
4.0
5.0
6.0
REDUCED VARIATE

AD-A117 147 ARMY ENGINEER WATERWAYS EXPERIMENT STATION VICKSBURG--ETC F/G 8/3
ATLANTIC COAST WATER-LEVEL CLIMATE.(U)
APR 82 B A EBERSOLE
UNCLASSIFIED WIS-7 NL

END
DTIC
8-82
CONT


RETURN PERIOD (YEARS)
1.01
1.1
2
5
10
20
50
100
200
MIAMI BEACH FLA.
JAN
STORM SURGE (FEET)
5.0
4.0
3.0
2.0
1.0
.001
.01
.1
.3
.5
.7
.8
.9
.95
.98
.99
.995
FREQUENCY OF OCCURRENCE
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-1.0
0.0
1.0
2.0
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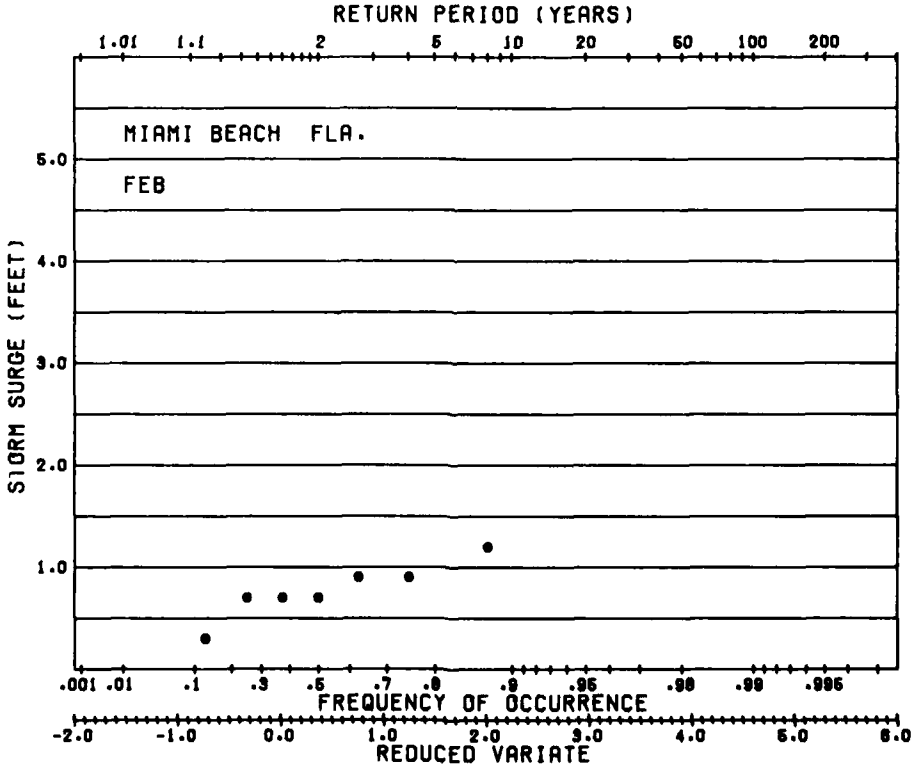
4.0
5.0
6.0
REDUCED VARIATE


RETURN PERIOD (YEARS)
1.01
1.1
2
5
10
20
50
100
200
MIAMI BEACH FLA.
FEB
STORM SURGE (FEET)
5.0
4.0
3.0
2.0
1.0
.001
.01
.1
.3
.5
.7
.8
.9
.95
.98
.99
.995
FREQUENCY OF OCCURRENCE
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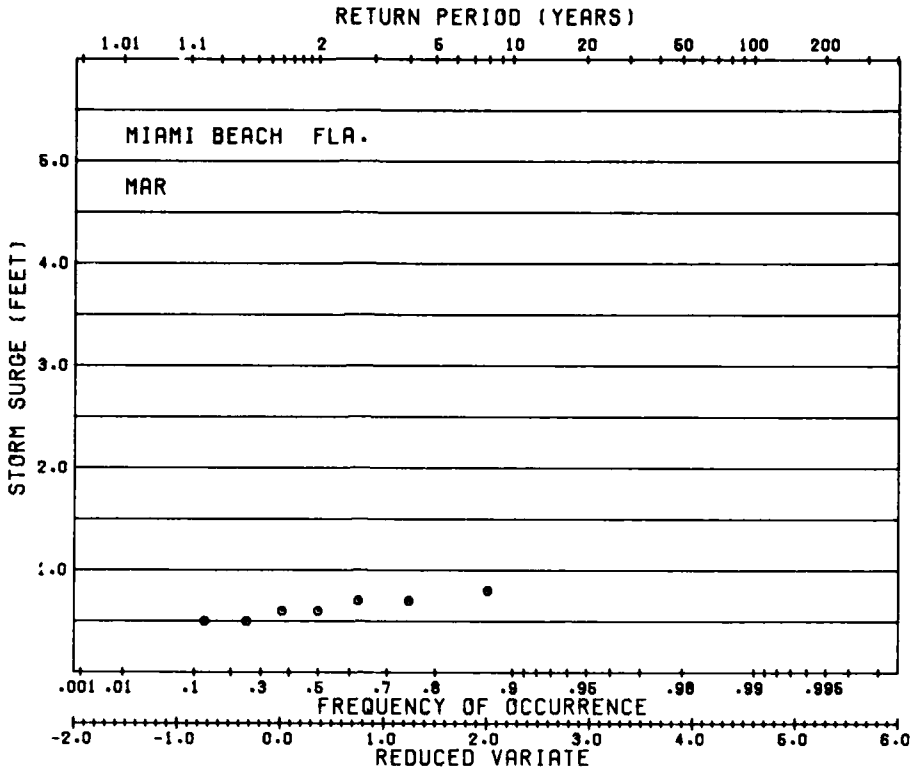
REDUCED VARIATE


RETURN PERIOD (YEARS)
1.01
1.1
2
5
10
20
50
100
200
MIAMI BEACH FLA.
MAR
STORM SURGE (FEET)
5.0
4.0
3.0
2.0
1.0
.001 .01 .1 .3 .5 .7 .8 .9 .95 .98 .99 .995
FREQUENCY OF OCCURRENCE
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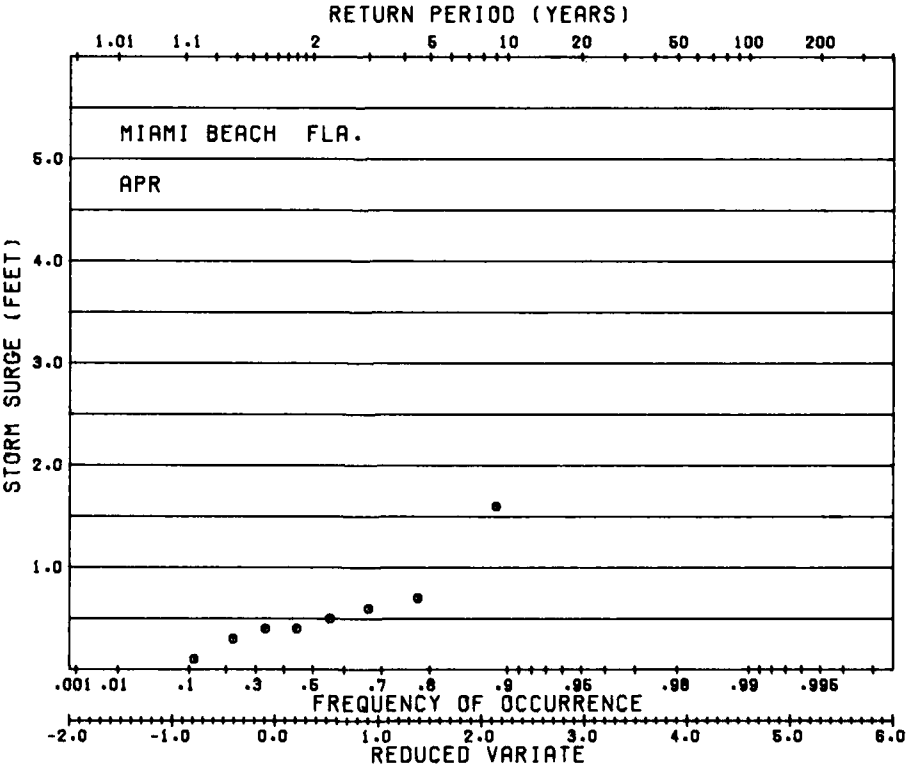
REDUCED VARIATE


RETURN PERIOD (YEARS)
1.01
1.1
2
5
10
20
50
100
200
MIAMI BEACH FLA.
APR
STORM SURGE (FEET)
5.0
4.0
3.0
2.0
1.0
.001 .01 .1 .3 .5 .7 .8 .9 .95 .98 .99 .995
FREQUENCY OF OCCURRENCE
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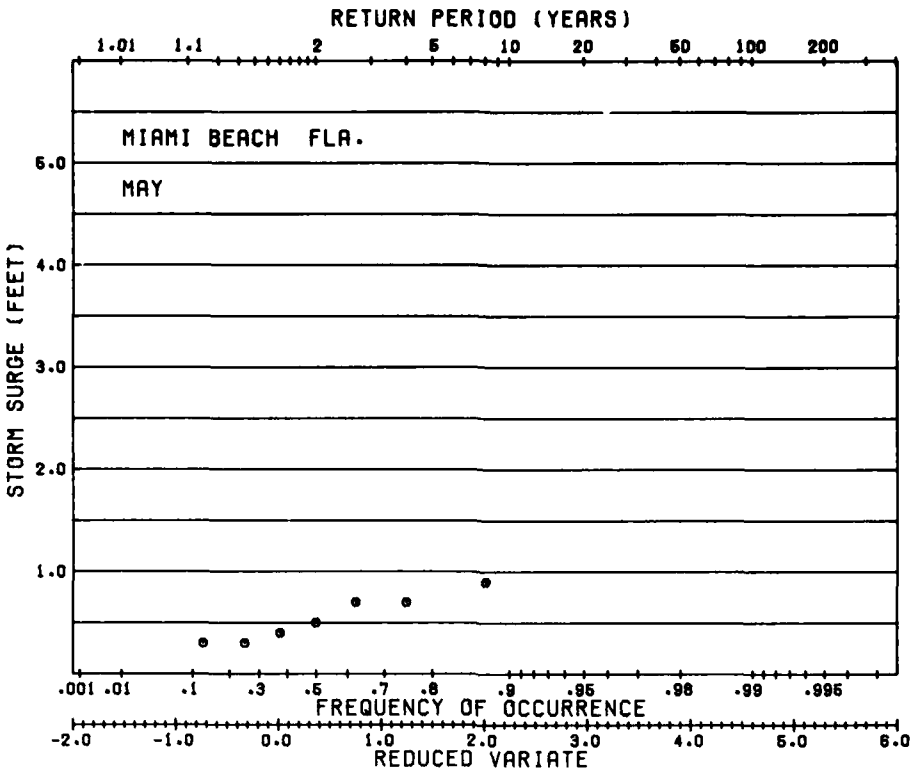
RETURN PERIOD (YEARS)
1.01
1.1
2
5
10
20
50
100
200
MIAMI BEACH FLA.
MAY
STORM SURGE (FEET)
6.0
4.0
3.0
2.0
1.0
.001
.01
.1
.3
.5
.7
.8
.9
.95
.98
.99
.995
FREQUENCY OF OCCURRENCE
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4.0
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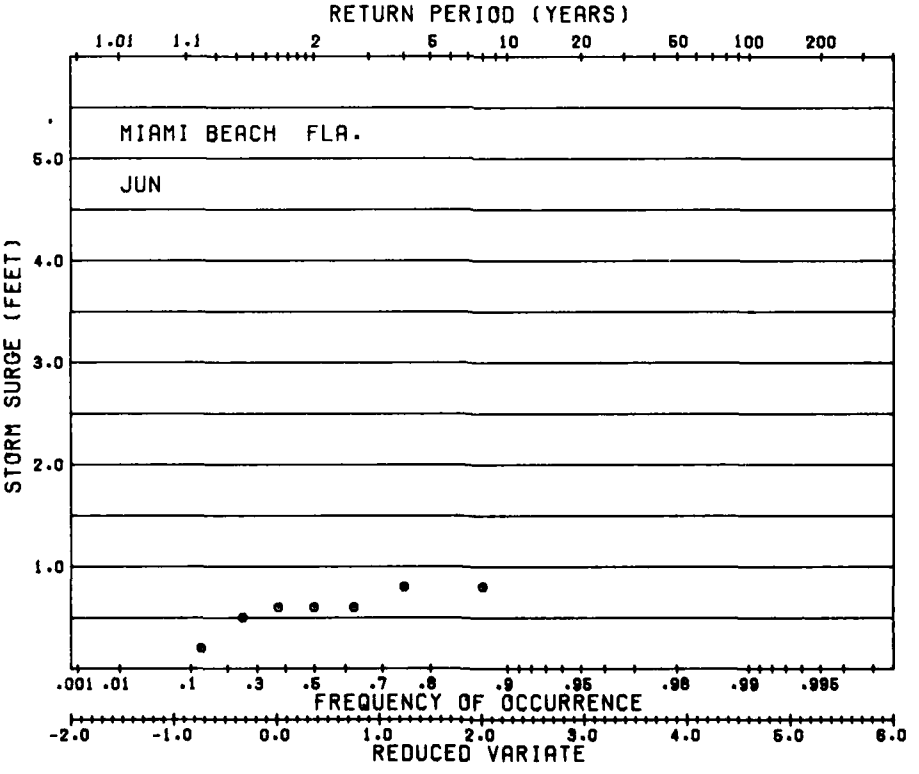
REDUCED VARIATE


RETURN PERIOD (YEARS)
1.01
1.1
2
5
10
20
50
100
200
MIAMI BEACH FLA.
JUN
STORM SURGE (FEET)
5.0
4.0
3.0
2.0
1.0
.001
.01
.1
.3
.5
.7
.8
.9
.95
.98
.99
.995
FREQUENCY OF OCCURRENCE
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-1.0
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1.0
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3.0
4.0
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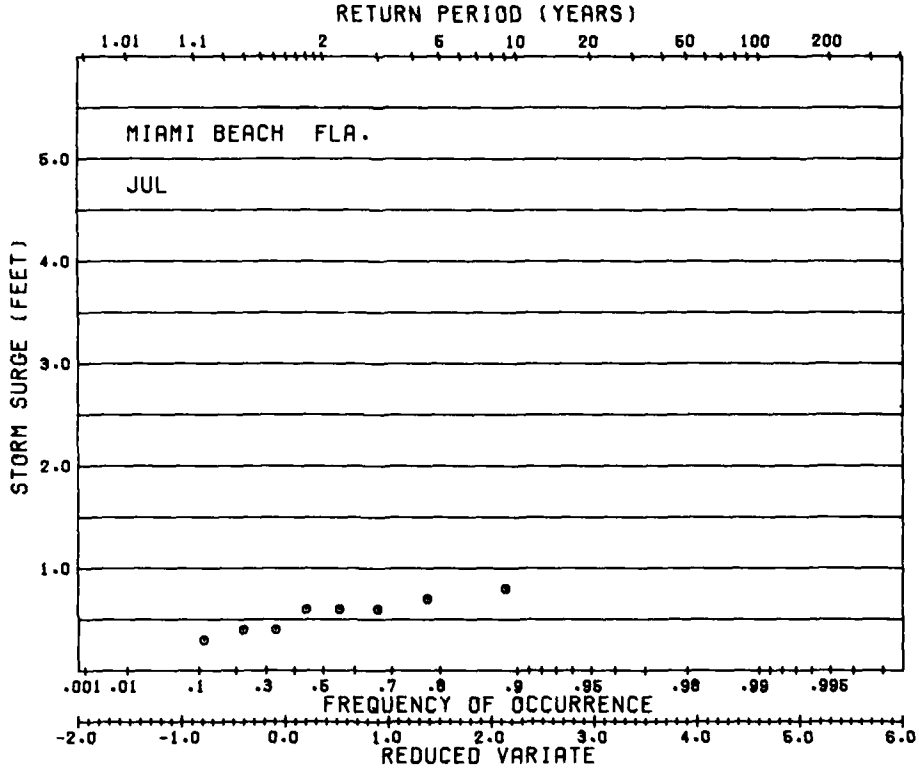
6.0
REDUCED VARIATE


RETURN PERIOD (YEARS)
1.01
1.1
2
5
10
20
50
100
200
MIAMI BEACH FLA.
JUL
STORM SURGE (FEET)
5.0
4.0
3.0
2.0
1.0
.001
.01
.1
.3
.5
.7
.8
.9
.95
.98
.99
.995
FREQUENCY OF OCCURRENCE
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-1.0
0.0
1.0
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3.0
4.0
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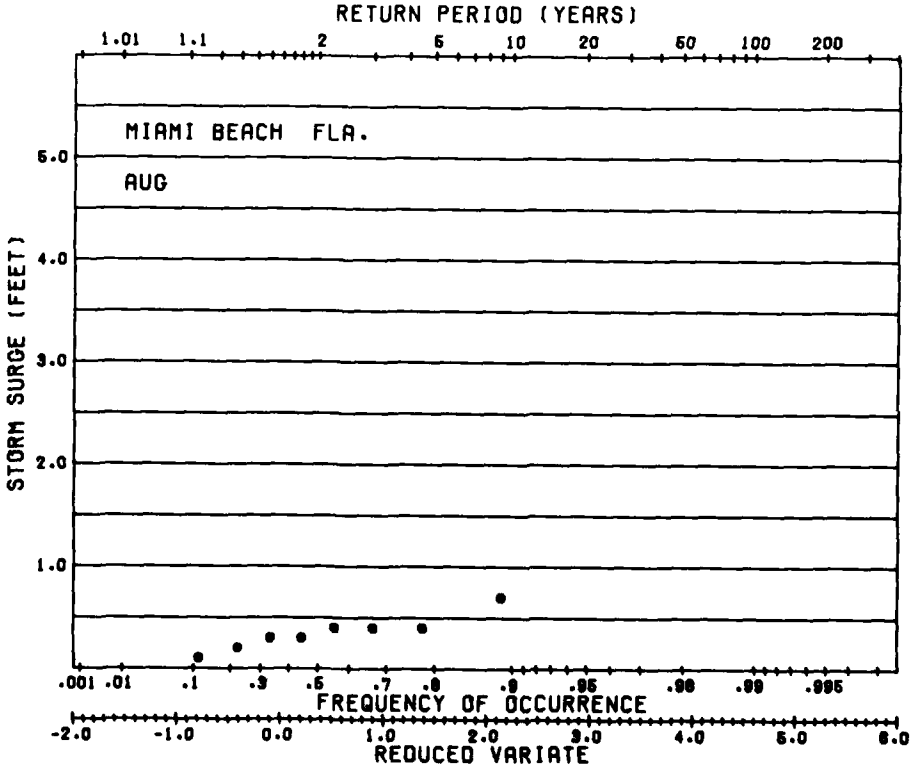
6.0
REDUCED VARIATE


RETURN PERIOD (YEARS)
1.01
1.1
2
5
10
20
50
100
200
MIAMI BEACH FLA.
AUG
STORM SURGE (FEET)
5.0
4.0
3.0
2.0
1.0
.001
.01
.1
.3
.5
.7
.8
.9
.95
.98
.99
.995
FREQUENCY OF OCCURRENCE
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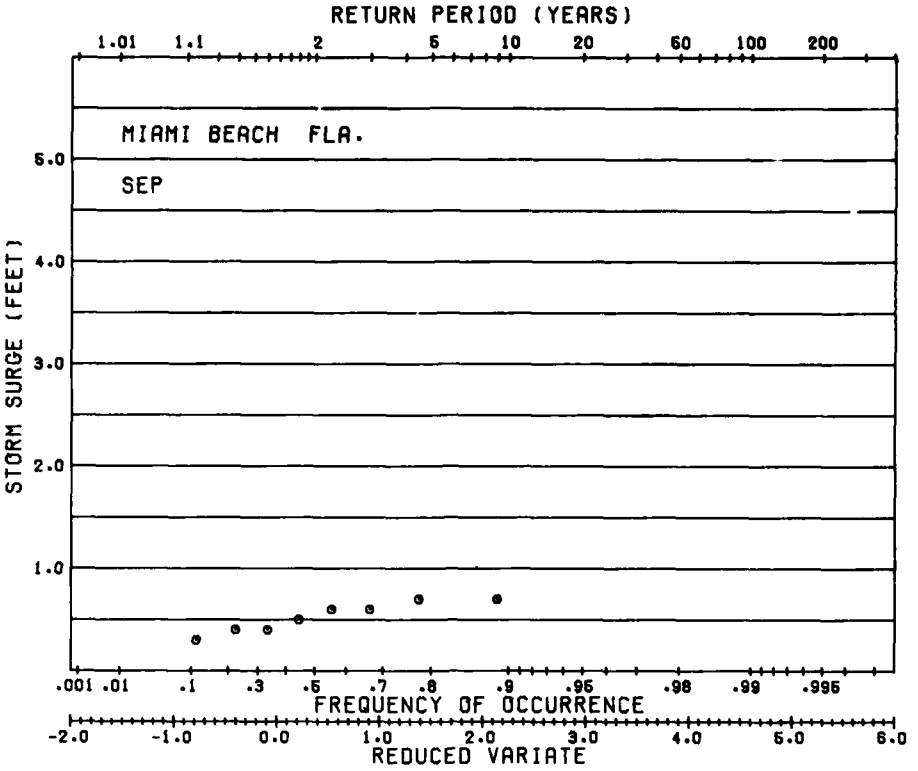
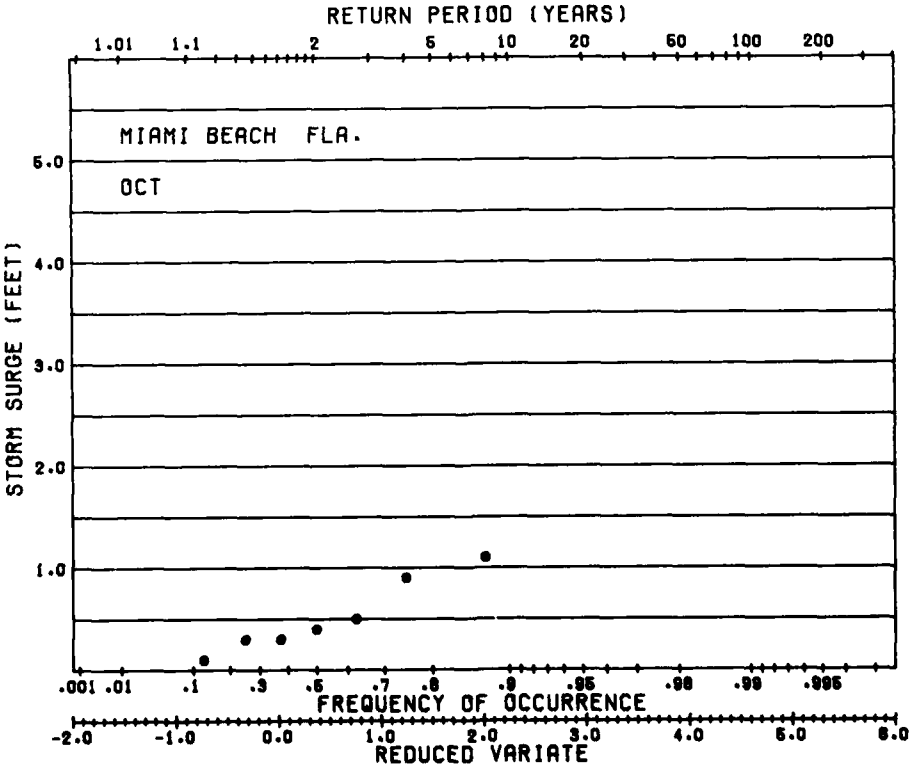
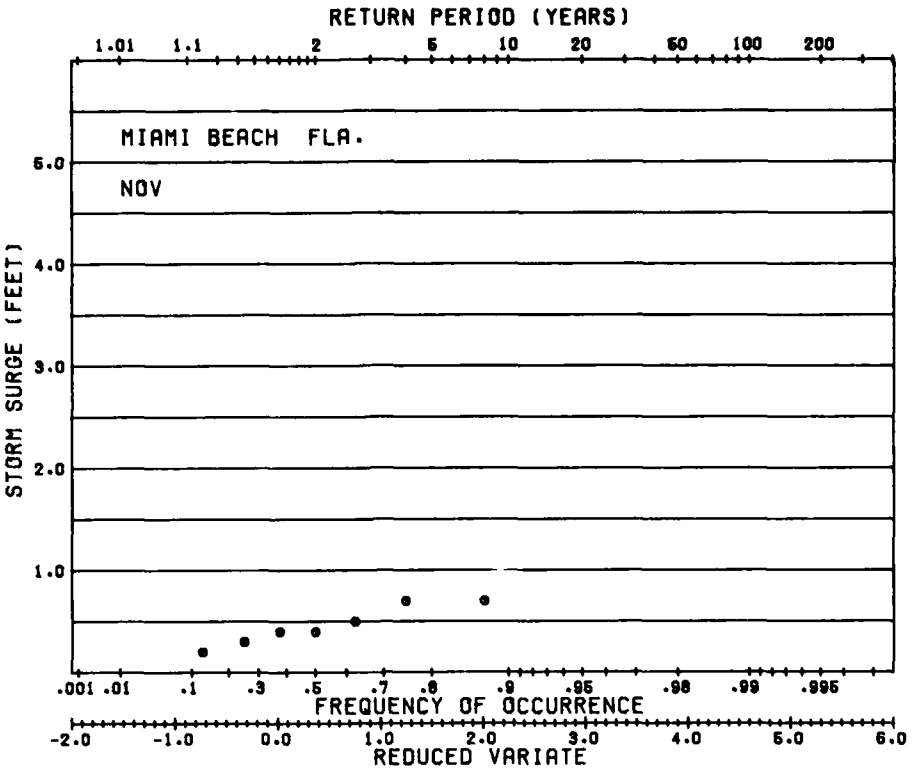
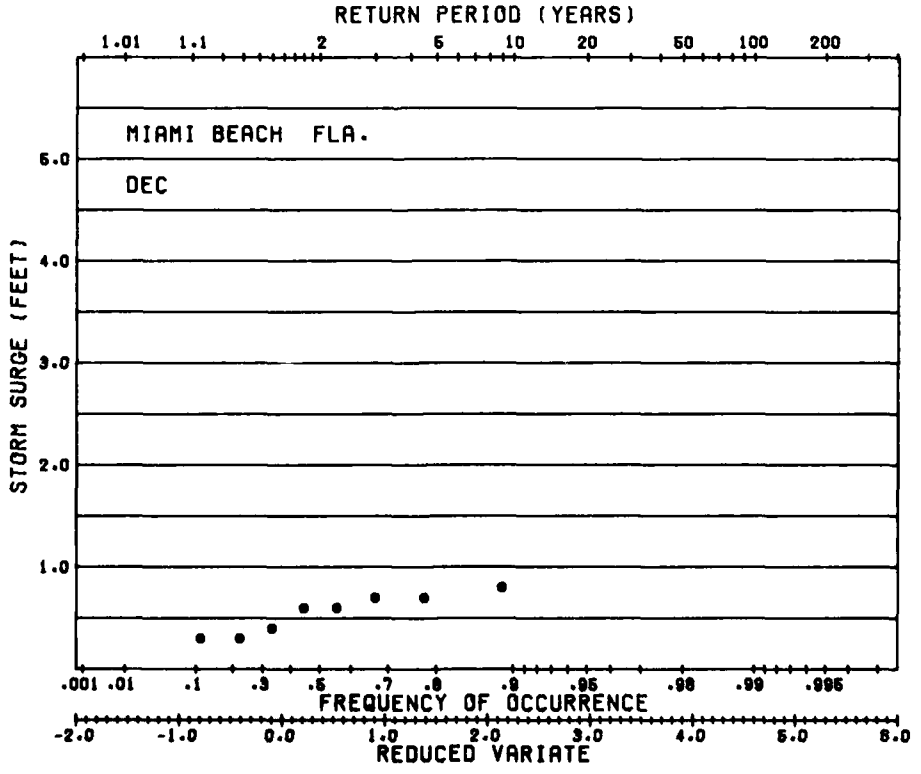
-1.0
0.0
1.0
2.0
3.0
4.0
5.0
6.0
REDUCED VARIATE


RETURN PERIOD (YEARS)
1.01
1.1
2
5
10
20
60
100
200
MIAMI BEACH FLA.
SEP
STORM SURGE (FEET)
6.0
4.0
3.0
2.0
1.0
.001
.01
.1
.3
.5
.7
.8
.9
.95
.98
.99
.995
FREQUENCY OF OCCURRENCE
-2.0
-1.0
0.0
1.0
2.0
3.0
4.0
5.0
6.0
REDUCED VARIATE


RETURN PERIOD (YEARS)
1.01
1.1
2
5
10
20
60
100
200
MIAMI BEACH FLA.
OCT
STORM SURGE (FEET)
6.0
4.0
3.0
2.0
1.0
.001
.01
.1
.3
.5
.7
.8
.9
.95
.98
.99
.995
FREQUENCY OF OCCURRENCE
-2.0
-1.0
0.0
1.0
2.0
3.0
4.0
5.0
6.0
REDUCED VARIATE


RETURN PERIOD (YEARS)
1.01
1.1
2
5
10
20
50
100
200
MIAMI BEACH FLA.
NOV
STORM SURGE (FEET)
6.0
4.0
3.0
2.0
1.0
.001 .01 .1 .3 .5 .7 .8 .9 .95 .98 .99 .995
FREQUENCY OF OCCURRENCE
-2.0 -1.0 0.0 1.0 2.0 3.0 4.0 5.0 6.0
REDUCED VARIATE


RETURN PERIOD (YEARS)
1.01
1.1
2
5
10
20
50
100
200
MIAMI BEACH FLA.
DEC
STORM SURGE (FEET)
6.0
4.0
3.0
2.0
1.0
.001 .01 .1 .3 .5 .7 .8 .9 .95 .98 .99 .995
FREQUENCY OF OCCURRENCE
-2.0 -1.0 0.0 1.0 2.0 3.0 4.0 5.0 6.0
REDUCED VARIATE

APPENDIX E

THEORETICAL GUMBEL PARAMETERS DERIVED FROM THE EXTREME STORM SURGE DATA

Eastport, Maine

				Return Period, Years				
				2	5	10	20	50
	N	α	μ	Storm Surge, ft				
Year	16	2.2533	1.9214	2.1	2.6	2.9	3.2	3.7
Jan	16	1.8390	1.4511	1.7	2.3	2.7	3.1	3.6
Feb	15	3.8881	1.3348	1.4	1.7	1.9	2.1	2.3
Mar	16	2.7454	1.1374	1.3	1.7	2.0	2.2	2.6
Apr	15	2.9883	1.0017	1.1	1.5	1.8	2.0	2.3
May	14	3.8431	0.8743	1.0	1.3	1.5	1.6	1.9
Jun	15	7.9154	0.7619	0.8	1.0	1.0	1.1	1.3
Jul	15	4.8310	0.7205	0.8	1.0	1.2	1.3	1.5
Aug	17	4.3139	0.6977	0.8	1.0	1.2	1.4	1.6
Sep	16	4.3408	0.7813	0.9	1.1	1.3	1.5	1.7
Oct	17	3.8208	1.0940	1.2	1.5	1.7	1.9	2.1
Nov	15	1.8624	1.3446	1.5	2.1	2.6	2.9	3.4
Dec	15	1.9719	1.4266	1.6	2.2	2.6	2.9	3.4
Year (Equation 10)				2.3	2.8	3.2	3.6	4.1

Bar Harbor, Maine

				Return Period, Years				
				2	5	10	20	50
	N	α	μ	Storm Surge, ft				
Year	13	2.4530	2.0237	2.2	2.6	2.9	3.2	3.6
Jan	13	1.7290	1.3831	1.6	2.3	2.7	3.1	3.6
Feb	12	2.0352	1.3016	1.5	2.0	2.4	2.8	3.2
Mar	15	1.9129	1.3586	1.5	2.1	2.5	2.8	3.3
Apr	15	2.7609	1.0209	1.2	1.6	1.8	2.1	2.4
May	13	6.4153	0.7362	0.8	1.0	1.1	1.2	1.3
Jun	14	3.3322	0.8539	1.0	1.3	1.5	1.7	2.0
Jul	13	4.5253	0.7031	0.8	1.0	1.2	1.4	1.6
Aug	13	6.7333	0.6553	0.7	0.9	1.0	1.1	1.2
Sep	13	3.6283	0.6215	0.7	1.0	1.2	1.4	1.7
Oct	14	3.0654	1.0120	1.1	1.5	1.7	2.0	2.3
Nov	12	4.7231	1.2013	1.3	1.5	1.7	1.8	2.0
Dec	14	2.4822	1.3158	1.5	1.9	2.2	2.5	2.9
Year (Equation 10)				2.3	2.8	3.2	3.6	4.1

Portland, Maine

				Return Period, Years				
				2	5	10	20	50
	N	α	μ	Storm Surge, ft				
Year	26	2.5700	2.2045	2.3	2.8	3.1	3.4	3.7
Jan	25	2.8524	1.5139	1.6	2.0	2.3	2.6	2.9
Feb	26	1.1385	1.4743	1.6	2.2	2.5	2.9	3.3
Mar	25	2.2095	1.4997	1.7	2.2	2.5	2.8	3.3
Apr	25	2.5154	1.0010	1.1	1.6	1.9	2.2	2.6
May	23	3.9599	0.7014	0.8	1.1	1.3	1.5	1.7
Jun	24	5.5467	0.7045	0.8	1.0	1.1	1.2	1.4
Jul	22	5.9018	0.5062	0.6	0.8	0.9	1.0	1.2
Aug	25	6.3334	0.5642	0.6	0.8	0.9	1.0	1.2
Sep	25	4.2644	0.6395	0.7	1.0	1.2	1.3	1.6
Oct	25	2.5062	1.0006	1.1	1.4	1.6	1.8	2.1
Nov	26	1.8662	1.3329	1.5	2.1	2.5	2.9	3.4
Dec	25	1.8383	1.4183	1.6	2.2	2.6	3.0	3.5
Year (Equation 10)				2.4	2.9	3.3	3.7	4.1

Seavey Island, Maine

				Return Period, Years				
				2	5	10	20	50
	N	α	μ	Storm Surge, ft				
Year	22	1.6305	2.0679	2.3	3.0	3.4	3.9	4.5
Jan	21	2.3110	1.4204	1.6	2.1	2.4	2.7	3.1
Feb	22	1.9844	1.3755	1.6	2.1	2.5	2.9	3.3
Mar	22	1.4433	1.2261	1.5	2.3	2.8	3.3	3.9
Apr	23	2.6750	1.0374	1.2	1.6	1.9	2.1	2.5
May	19	3.0411	0.8706	1.0	1.4	1.6	1.8	2.2
Jun	23	5.6216	0.7104	0.8	1.0	1.1	1.2	1.4
Jul	24	6.4696	0.5807	0.6	0.8	0.9	1.0	1.2
Aug	24	6.9858	0.5742	0.6	0.8	0.9	1.0	1.1
Sep	23	4.8772	0.6613	0.7	1.0	1.1	1.3	1.5
Oct	24	3.8300	1.0326	1.1	1.4	1.6	1.8	2.1
Nov	23	1.5419	1.2401	1.5	2.2	2.7	3.2	3.8
Dec	23	1.6767	1.2807	1.5	2.2	2.6	3.1	3.6
Year (Equation 10)				2.5	3.1	3.6	4.0	4.6

Boston, Mass.

				Return Period, Years				
				2	5	10	20	50
	N	α	μ	Storm Surge, ft				
Year	27	1.5923	2.4541	2.7	3.4	3.9	4.3	4.9
Jan	26	1.9565	1.6973	1.9	2.5	2.8	3.2	3.7
Feb	27	1.7144	1.6594	1.9	2.5	3.0	3.4	3.9
Mar	26	1.5378	1.6733	1.9	2.6	3.1	3.6	4.2
Apr	22	1.9805	1.2250	1.4	2.0	2.4	2.7	3.2
May	24	2.7866	0.8850	1.0	1.4	1.7	2.0	2.3
Jun	23	6.8242	0.6661	0.7	0.9	1.0	1.1	1.2
Jul	25	5.6943	0.5148	0.6	0.8	0.9	1.0	1.2
Aug	23	5.4124	0.5459	0.6	0.8	1.0	1.1	1.3
Sep	24	3.5403	0.6588	0.8	1.1	1.3	1.5	1.8
Oct	24	2.3898	1.2159	1.4	1.8	2.2	2.5	2.8
Nov	25	1.2273	1.3435	1.6	2.6	3.2	3.8	4.5
Dec	24	2.2418	1.5392	1.7	2.2	2.5	2.9	3.3
Year (Equation 10)				2.8	3.5	4.0	4.5	5.1

Woods Hole, Mass.

				Return Period, Years				
				2	5	10	20	50
	N	α	μ	Storm Surge, ft				
Year	27	2.4445	2.2338	2.4	2.8	3.2	3.4	3.8
Jan	28	3.6592	1.6505	1.8	2.1	2.3	2.5	2.7
Feb	26	2.1090	1.6131	1.8	2.3	2.7	3.0	3.5
Mar	26	2.3855	1.6539	1.8	2.3	2.6	2.9	3.3
Apr	27	3.1462	1.2120	1.3	1.7	1.9	2.2	2.5
May	26	3.1869	0.7177	0.8	1.2	1.4	1.6	1.9
Jun	26	6.3202	0.6774	0.7	0.9	1.0	1.1	1.3
Jul	27	5.0161	0.5863	0.7	0.9	1.0	1.2	1.4
Aug	25	4.6480	0.6778	0.8	1.0	1.2	1.3	1.5
Sep	26	3.8004	0.6985	0.8	1.1	1.3	1.5	1.7
Oct	27	3.6942	1.0705	1.2	1.5	1.7	1.9	2.1
Nov	27	1.5745	1.2614	1.5	2.2	2.7	3.1	3.7
Dec	26	2.0574	1.4722	1.7	2.2	2.6	2.9	3.4
Year (Equation 10)				2.4	3.0	3.3	3.7	4.2

Newport, R. I.

				Return Period, Years				
				2	5	10	20	50
	N	α	μ	Storm Surge, ft				
Year	25	2.6202	2.3334	2.5	2.9	3.2	3.5	3.8
Jan	25	2.5395	1.6270	1.8	2.2	2.5	2.8	3.2
Feb	21	2.1280	1.6437	1.8	2.3	2.7	3.0	3.5
Mar	24	2.1568	1.6295	1.8	2.3	2.7	3.0	3.4
Apr	25	2.7571	1.1715	1.3	1.7	2.0	2.2	2.6
May	25	3.8727	0.7389	0.8	1.1	1.3	1.5	1.7
Jun	25	5.3004	0.6798	0.7	1.0	1.1	1.2	1.4
Jul	25	5.3991	0.5457	0.6	0.8	1.0	1.1	1.3
Aug	25	6.1852	0.6062	0.7	0.8	1.0	1.1	1.2
Sep	26	4.5904	0.7226	0.8	1.0	1.2	1.4	1.6
Oct	26	3.0779	1.1579	1.3	1.6	1.9	2.1	2.4
Nov	26	1.7508	1.5423	1.8	2.4	2.8	3.2	3.8
Dec	26	2.0133	1.5742	1.8	2.3	2.7	3.0	3.5
Year (Equation 10)				2.6	3.1	3.5	3.8	4.3

New London, Conn.

				Return Period, Years				
				2	5	10	20	50
	N	α	μ	Storm Surge, ft				
Year	17	1.2048	2.4529	2.8	3.7	4.3	4.9	5.7
Jan	15	3.0640	1.7126	1.8	2.2	2.4	2.7	3.0
Feb	16	1.6190	1.7568	2.0	2.7	3.1	3.6	4.2
Mar	16	1.8380	1.7697	2.0	2.6	3.0	3.4	3.9
Apr	16	2.6527	1.2308	1.4	1.8	2.1	2.4	2.7
May	16	2.7780	0.7521	0.9	1.3	1.6	1.8	2.2
Jun	16	6.5995	0.7157	0.8	0.9	1.1	1.2	1.3
Jul	17	5.7325	0.5215	0.6	0.8	0.9	1.0	1.2
Aug	16	7.2869	0.6856	0.7	0.9	1.0	1.1	1.2
Sep	17	4.8617	0.7230	0.8	1.0	1.2	1.3	1.5
Oct	17	2.1144	1.0906	1.3	1.8	2.2	2.5	2.9
Nov	16	0.8869	1.5754	2.0	3.3	4.1	4.9	6.0
Dec	16	2.0541	1.8055	2.0	2.5	2.9	3.3	3.7
Year (Equation 10)				3.0	3.8	4.4	5.1	6.1

Montauk Pt., N. Y.

				Return Period, Years				
				2	5	10	20	50
	N	α	μ	Storm Surge, ft				
Year	18	1.6436	2.3506	2.6	3.3	3.7	4.2	4.7
Jan	17	1.8285	1.3582	1.6	2.2	2.6	3.0	3.5
Feb	15	1.6501	1.3359	1.6	2.2	2.7	3.1	3.7
Mar	17	1.6154	1.6327	1.9	2.6	3.0	3.5	4.0
Apr	19	2.0299	1.1641	1.3	1.9	2.3	2.6	3.1
May	17	2.4387	0.8290	1.0	1.4	1.8	2.0	2.4
Jun	17	4.6675	0.7303	0.8	1.1	1.2	1.4	1.6
Jul	17	7.4586	0.6248	0.7	0.8	0.9	1.0	1.1
Aug	18	6.5163	0.7647	0.8	1.0	1.1	1.2	1.4
Sep	16	3.5708	0.7807	0.9	1.2	1.4	1.6	1.9
Oct	17	2.2344	1.2920	1.5	2.0	2.3	2.6	3.0
Nov	18	1.2777	1.4934	1.8	2.7	3.3	3.8	4.5
Dec	18	1.9970	1.4232	1.6	2.2	2.6	2.9	3.4
Year (Equation 10)				2.8	3.5	3.9	4.4	5.0

Willets Pt., N. Y.

				Return Period, Years				
				2	5	10	20	50
	N	α	μ	Storm Surge, ft				
Year	27	0.9928	3.9038	4.3	5.4	6.2	6.9	7.8
Jan	25	1.2263	2.5231	2.8	3.7	4.4	4.9	5.7
Feb	24	1.2303	2.5238	2.8	3.7	4.4	4.9	5.7
Mar	27	1.1296	2.6651	3.0	4.0	4.7	5.3	6.1
Apr	27	1.5306	1.8295	2.1	2.2	3.3	3.8	4.4
May	27	1.4809	1.1474	1.4	2.2	2.7	3.2	3.8
Jun	25	2.1933	0.9300	1.1	1.6	2.0	2.3	2.7
Jul	25	3.0784	0.7796	0.9	1.3	1.5	1.7	2.0
Aug	24	3.8462	0.8290	0.9	1.2	1.4	1.6	1.8
Sep	24	1.7566	0.9152	1.1	1.8	2.2	2.6	3.1
Oct	25	1.0023	1.7144	2.1	3.2	4.0	4.7	5.6
Nov	25	0.6502	2.0555	2.6	4.4	5.5	6.6	8.1
Dec	25	1.5718	2.4783	2.7	3.4	3.9	4.4	5.0
Year (Equation 10)				4.4	5.6	6.4	7.2	8.4

The Battery, N. Y.

				Return Period, Years				
				2	5	10	20	50
	N	α	μ	Storm Surge, ft				
Year	29	1.0430	2.9559	3.3	4.4	5.1	5.8	6.7
Jan	27	1.6510	2.0549	2.3	3.0	3.4	3.9	4.4
Feb	29	1.5918	2.0569	2.3	3.0	3.5	3.9	4.5
Mar	29	1.5338	1.9683	2.2	2.9	3.4	3.9	4.5
Apr	29	1.8252	1.4826	1.7	2.3	2.7	3.1	3.6
May	29	2.6771	1.0415	1.2	1.6	1.9	2.2	2.5
Jun	29	2.7283	0.7694	0.9	1.3	1.6	1.9	2.2
Jul	28	3.8518	0.5935	0.7	1.0	1.2	1.4	1.6
Aug	29	3.8581	0.6854	0.8	1.1	1.3	1.5	1.7
Sep	29	2.7271	0.9003	1.0	1.5	1.7	2.0	2.3
Oct	29	1.7211	1.5235	1.7	2.4	2.8	3.2	3.8
Nov	29	0.7956	1.6722	2.1	3.6	4.5	5.4	6.6
Dec	29	1.9521	1.9879	2.2	2.8	3.1	3.5	4.0
Year (Equation 10)				3.4	4.3	5.0	5.7	6.7

Sandy Hook, N. J.

				Return Period, Years				
				2	5	10	20	50
	N	α	μ	Storm Surge, ft				
Year	25	0.9200	3.2470	3.6	4.9	5.7	6.5	7.5
Jan	27	1.3918	2.1651	2.4	3.2	3.8	4.3	5.0
Feb	26	1.4031	2.0285	2.3	3.1	3.6	4.1	4.8
Mar	28	1.4053	2.0306	2.3	3.1	3.6	4.1	4.8
Apr	29	1.7545	1.4432	1.7	2.3	2.7	3.1	3.7
May	27	2.6604	0.9293	1.1	1.5	1.8	2.0	2.4
Jun	27	2.5597	0.7806	0.9	1.4	1.7	1.9	2.3
Jul	26	3.0756	0.6463	0.8	1.1	1.4	1.6	1.9
Aug	26	3.5165	0.6949	0.8	1.1	1.3	1.5	1.8
Sep	26	2.4168	0.8260	1.0	1.4	1.8	2.1	2.4
Oct	26	1.2289	1.5402	1.8	2.8	3.4	4.0	4.7
Nov	26	0.7083	1.6144	2.1	3.7	4.8	5.8	7.1
Dec	23	1.9532	1.9775	2.2	2.7	3.1	3.5	4.0
Year (Equation 10)				3.7	4.7	5.4	6.2	7.3

Atlantic City, N. J.

				Return Period, Years				
				2	5	10	20	50
	N	α	μ	Storm Surge, ft				
Year	54*	1.5150	2.6294	2.9	3.6	4.1	4.6	5.2
Jan	11	1.4295	1.6505	1.9	2.7	3.2	3.7	4.4
Feb	10	1.1718	1.5874	1.9	2.9	3.5	4.1	4.9
Mar	10	1.7383	1.7651	2.0	2.6	3.1	3.5	4.0
Apr	8	4.9338	1.3893	1.5	1.7	1.8	2.0	2.2
May	7	2.5319	0.9687	1.1	1.6	1.9	2.1	2.5
Jun	9	2.3700	0.8487	1.0	1.5	1.8	2.1	2.5
Jul	12	7.2212	0.5553	0.6	0.8	0.9	1.0	1.1
Aug	12	2.7913	0.8280	1.0	1.4	1.6	1.9	2.2
Sep	11	2.4178	0.9206	1.1	1.5	1.9	2.1	2.5
Oct	10	1.4652	1.4920	1.7	2.5	3.0	3.5	4.2
Nov	12	2.4192	1.4169	1.6	2.0	2.3	2.6	3.0
Dec	11	1.0579	1.5550	1.9	3.0	3.7	4.4	5.2
Year (Equation 10)				3.1	4.0	4.6	5.2	5.9

* Yearly extrema supplemented with data from Myers (1970).

Lewes, Del.

				Return Period, Years				
				2	5	10	20	50
	N	α	μ	Storm Surge, ft				
Year	21	1.1706	2.9467	3.3	4.2	4.9	5.5	6.3
Jan	20	1.1565	1.9273	2.2	3.2	3.9	4.5	5.3
Feb	21	1.6902	1.7798	2.0	2.7	3.1	3.5	4.1
Mar	20	1.0779	1.7743	2.1	3.2	3.9	4.5	5.4
Apr	20	1.8430	1.4959	1.7	2.3	2.7	3.1	3.6
May	20	2.2848	1.0309	1.2	1.7	2.0	2.3	2.7
Jun	19	2.4436	0.9550	1.1	1.6	1.9	2.2	2.6
Jul	19	4.5839	0.6441	0.7	1.0	1.1	1.3	1.5
Aug	19	2.7111	0.7813	0.9	1.3	1.6	1.9	2.2
Sep	19	2.0171	0.9151	1.1	1.7	2.0	2.4	2.8
Oct	21	1.4728	1.5435	1.8	2.6	3.1	3.6	4.2
Nov	20	1.0256	1.4895	1.8	3.0	3.7	4.4	5.3
Dec	20	1.7245	1.6714	1.9	2.5	3.0	3.4	3.9
Year (Equation 10)				3.4	4.3	5.0	5.6	6.4

Hampton Roads, Va.

				Return Period, Years				
				2	5	10	20	50
	N	α	μ	Storm Surge, ft				
Year	38	1.6137	2.6137	2.8	3.5	4.0	4.4	5.0
Jan	38	1.3819	1.6496	1.9	2.7	3.3	3.8	4.5
Feb	35	2.5098	1.4047	1.6	2.0	2.3	2.6	3.0
Mar	39	1.2985	1.3331	1.6	2.5	3.1	3.6	4.3
Apr	40	1.7326	1.2112	1.4	2.1	2.5	2.9	3.5
May	39	2.1788	1.0918	1.3	1.8	2.1	2.5	2.9
Jun	38	3.1006	1.0382	1.2	1.5	1.8	2.0	2.3
Jul	36	2.1870	0.7026	0.9	1.4	1.7	2.1	2.5
Aug	36	2.0311	0.7909	1.0	1.5	1.9	2.3	2.7
Sep	38	2.6214	0.9931	1.1	1.6	1.9	2.1	2.5
Oct	39	1.6587	1.3855	1.6	2.3	2.7	3.2	3.7
Nov	37	1.5141	1.3774	1.6	2.4	2.9	3.3	4.0
Dec	38	2.1074	1.2347	1.4	1.9	2.3	2.6	3.1
Year (Equation 10)				2.9	3.6	4.1	4.6	5.2

Southport, N. C.

				Return Period, Years				
				2	5	10	20	50
	N	α	μ	Storm Surge, ft				
Year	21	2.7588	1.3620	1.5	1.9	2.2	2.4	2.8
Jan	20	4.9409	0.6590	0.7	1.0	1.1	1.3	1.4
Feb	20	2.6867	0.6551	0.8	1.2	1.5	1.8	2.1
Mar	21	2.2695	0.7448	0.9	1.4	1.7	2.1	2.5
Apr	20	5.1020	0.7574	0.8	1.1	1.2	1.3	1.5
May	21	5.3143	0.7964	0.9	1.1	1.2	1.4	1.5
Jun	21	5.8072	0.7667	0.8	1.0	1.2	1.3	1.4
Jul	21	5.9990	0.6791	0.7	0.9	1.1	1.2	1.3
Aug	21	4.1525	0.7164	0.8	1.1	1.3	1.4	1.7
Sep	21	5.4829	0.9804	1.0	1.3	1.4	1.5	1.7
Oct	20	5.0160	1.1856	1.3	1.5	1.6	1.8	2.0
Nov	21	2.5563	0.9517	1.1	1.5	1.8	2.1	2.5
Dec	21	3.2514	0.8433	1.0	1.3	1.5	1.8	2.0
Year (Equation 10)				1.6	2.0	2.2	2.5	2.9

Charleston, S. C.

				Return Period, Years				
				2	5	10	20	50
	N	α	μ	Storm Surge, ft				
Year	26	2.8819	1.6500	1.8	2.2	2.4	2.7	3.0
Jan	26	3.2578	1.0982	1.2	1.6	1.8	2.0	2.3
Feb	26	3.0481	1.1255	1.2	1.6	1.9	2.1	2.4
Mar	26	2.3556	0.9972	1.2	1.6	2.0	2.3	2.7
Apr	26	2.7973	0.9060	1.0	1.4	1.7	2.0	2.3
May	26	2.5432	0.9793	1.1	1.6	1.9	2.1	2.5
Jun	25	3.7304	1.0977	1.2	1.5	1.7	1.9	2.1
Jul	25	3.4697	0.8630	1.0	1.3	1.5	1.7	2.0
Aug	24	4.7055	0.7791	0.9	1.1	1.3	1.4	1.6
Sep	25	4.4557	0.9209	1.0	1.3	1.4	1.6	1.8
Oct	25	4.8646	0.9829	1.1	1.3	1.4	1.6	1.8
Nov	25	3.0011	0.9111	1.0	1.4	1.7	1.9	2.2
Dec	26	3.4325	0.9489	1.1	1.4	1.6	1.8	2.1
Year (Equation 10)				1.9	2.3	2.5	2.8	3.1

Fort Pulaski, Ga.

				Return Period, Years				
				2	5	10	20	50
	N	α	μ	Storm Surge, ft				
Year	30	3.0620	1.9515	2.1	2.4	2.7	2.9	3.2
Jan	29	2.8429	1.2911	1.4	1.8	2.1	2.3	2.7
Feb	28	2.9636	1.2983	1.4	1.8	2.1	2.3	2.6
Mar	31	2.5895	1.2700	1.4	1.8	2.1	2.4	2.8
Apr	32	2.4982	1.1347	1.3	1.7	2.0	2.3	2.7
May	31	2.7394	1.2201	1.4	1.8	2.0	2.3	2.6
Jun	31	3.0792	1.2288	1.3	1.7	2.0	2.2	2.5
Jul	38	2.8507	0.9805	1.1	1.5	1.8	2.0	2.3
Aug	30	3.3376	0.8793	1.0	1.3	1.6	1.8	2.0
Sep	31	3.6109	1.2255	1.3	1.6	1.8	2.0	2.3
Oct	29	3.1688	1.1518	1.3	1.6	1.9	2.1	2.4
Nov	29	2.4493	1.0091	1.2	1.6	1.9	2.2	2.6
Dec	28	2.7664	1.1748	1.3	1.7	2.0	2.2	2.6
Year (Equation 10)				2.2	2.6	2.8	3.1	3.4

Mayport, Fla.

				Return Period, Years				
				2	5	10	20	50
	N	α	μ	Storm Surge, ft				
Year	29	3.7685	1.6201	1.7	2.0	2.2	2.4	2.7
Jan	30	4.7172	0.9063	1.0	1.2	1.4	1.5	1.7
Feb	30	2.6939	0.9543	1.1	1.5	1.8	2.1	2.4
Mar	29	2.7510	0.8158	0.9	1.4	1.6	1.9	2.2
Apr	30	4.5579	0.8157	0.9	1.1	1.3	1.5	1.7
May	29	2.5354	0.8062	1.0	1.4	1.7	2.0	2.3
Jun	29	2.9760	0.9891	1.1	1.5	1.7	2.0	2.3
Jul	27	3.0104	0.6822	0.8	1.2	1.4	1.7	2.0
Aug	28	3.1903	0.6469	0.8	1.1	1.4	1.6	1.9
Sep	29	2.8161	1.0651	1.2	1.6	1.9	2.1	2.5
Oct	29	3.4286	1.0025	1.1	1.4	1.7	1.9	2.1
Nov	29	2.6942	0.7220	0.9	1.3	1.6	1.8	2.2
Dec	27	2.2981	0.9125	1.1	1.6	1.9	2.2	2.6
Year (Equation 10)				1.9	2.3	2.5	2.8	3.1

Miami Beach, Fla.

				Return Period, Year				
				2	5	10	20	50
	N	α	μ	Storm Surge, ft				
Year	9	3.3790	0.8216	0.9	1.3	1.5	1.7	2.0
Jan	7	3.0723	0.4590	0.6	0.9	1.2	1.4	1.7
Feb	7	3.4371	0.6326	0.7	1.1	1.3	1.5	1.8
Mar	7	8.4997	0.5724	0.6	0.7	0.8	0.9	1.0
Apr	8	2.1352	0.3482	0.5	1.1	1.4	1.7	2.2
May	7	4.1136	0.4269	0.5	0.8	1.0	1.1	1.4
Jun	7	4.6465	0.4830	0.6	0.8	1.0	1.1	1.3
Jul	8	5.7193	0.4653	0.5	0.7	0.9	1.0	1.1
Aug	8	5.4531	0.2612	0.3	0.5	0.7	0.8	1.0
Sep	8	6.4967	0.4505	0.5	0.7	0.8	0.9	1.1
Oct	7	2.6425	0.3337	0.5	0.9	1.2	1.5	1.8
Nov	7	4.9714	0.3612	0.4	0.7	0.8	1.0	1.1
Dec	8	5.0162	0.4535	0.5	0.8	0.9	1.0	1.2
Year (Equation 10)				1.2	1.5	1.8	2.1	2.4

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Ebersole, Bruce A.
Atlantic coast water-level climate / by Bruce A. Ebersole (Hydraulics Laboratory, U.S. Army Engineer Waterways Experiment Station). -- Vicksburg, Miss. : The Station ; Springfield, Va. : available from NTIS, 1982.
495 p. in various pagings ; ill. ; 27 cm. -- (WIS report ; 7)
Cover title.
"April 1982."
"Prepared for Office, Chief of Engineers, U.S. Army."
"Wave Information Studies of U.S. Coastlines."
Bibliography: p. 35.
1. Atlantic Coast (United States). 2. Sea level. 3. Storm surges. 4. Water waves. I. United States. Army. Corps of Engineers. Office of the Chief of Engineers. II. U.S. Army Engineer Waterways Experiment Station. Hydraulics Laboratory. III. Title IV. Series: WIS report (U.S. Army Engineer Waterways Experiment Station) ; 7.
TA7.W349 no.7

AD-A117 147 ARMY ENGINEER WATERWAYS EXPERIMENT STATION VICKSBURG--ETC F/G 8/3
ATLANTIC COAST WATER-LEVEL CLIMATE.(U)
APR 82 B A EBERSOLE
UNCLASSIFIED WIS-7 NL

SUPPLEMENTARY

INFORMATION

THE BATTERY N.Y.

STATISTICS FOR JUNE

ASTRONOMICAL TIDE				STORM SURGE				TOTAL WATER LEVEL			
MEAN 0.12		STND DEV 1.63		MEAN-0.01		STND DEV 0.31		MEAN 0.12		STND DEV 1.65	
I	X	P(X)	F(X)	I	X	P(X)	F(X)	I	X	P(X)	F(X)
1	-4.00	0.	0.	1	-4.00	0.	0.	1	-6.00	0.	0.
2	-3.90	0.	0.	2	-3.90	0.	0.	2	-5.80	0.	0.
3	-3.80	0.	0.	3	-3.80	0.	0.	3	-5.60	0.	0.
4	-3.70	0.	0.	4	-3.70	0.	0.	4	-5.40	0.	0.
5	-3.60	0.	0.	5	-3.60	0.	0.	5	-5.20	0.	0.
6	-3.50	0.	0.	6	-3.50	0.	0.	6	-5.00	0.	0.
7	-3.40	0.	0.	7	-3.40	0.	0.	7	-4.80	0.	0.
8	-3.30	0.0001	0.0001	8	-3.30	0.	0.	8	-4.60	0.	0.
9	-3.20	0.0007	0.0008	9	-3.20	0.	0.	9	-4.40	0.	0.
10	-3.10	0.0017	0.0025	10	-3.10	0.	0.	10	-4.20	0.	0.
11	-3.00	0.0017	0.0042	11	-3.00	0.	0.	11	-4.00	0.	0.
12	-2.90	0.0026	0.0068	12	-2.90	0.	0.	12	-3.80	0.0001	0.0001
13	-2.80	0.0040	0.0108	13	-2.80	0.	0.	13	-3.60	0.0001	0.0002
14	-2.70	0.0054	0.0162	14	-2.70	0.	0.	14	-3.40	0.0007	0.0009
15	-2.60	0.0069	0.0231	15	-2.60	0.	0.	15	-3.20	0.0036	0.0045
16	-2.50	0.0106	0.0337	16	-2.50	0.	0.	16	-3.00	0.0046	0.0091
17	-2.40	0.0113	0.0449	17	-2.40	0.	0.	17	-2.80	0.0113	0.0204
18	-2.30	0.0150	0.0599	18	-2.30	0.	0.	18	-2.60	0.0193	0.0397
19	-2.20	0.0154	0.0753	19	-2.20	0.	0.	19	-2.40	0.0244	0.0641
20	-2.10	0.0194	0.0947	20	-2.10	0.	0.	20	-2.20	0.0326	0.0967
21	-2.00	0.0180	0.1126	21	-2.00	0.	0.	21	-2.00	0.0362	0.1328
22	-1.90	0.0239	0.1365	22	-1.90	0.	0.	22	-1.80	0.0423	0.1752
23	-1.80	0.0226	0.1592	23	-1.80	0.	0.	23	-1.60	0.0420	0.2172
24	-1.70	0.0232	0.1824	24	-1.70	0.	0.	24	-1.40	0.0387	0.2559
25	-1.60	0.0242	0.2066	25	-1.60	0.	0.	25	-1.20	0.0433	0.2992
26	-1.50	0.0219	0.2285	26	-1.50	0.	0.	26	-1.00	0.0356	0.3348
27	-1.40	0.0211	0.2496	27	-1.40	0.0001	0.0001	27	-0.80	0.0341	0.3689
28	-1.30	0.0199	0.2695	28	-1.30	0.	0.0001	28	-0.60	0.0325	0.4014
29	-1.20	0.0212	0.2907	29	-1.20	0.0001	0.0002	29	-0.40	0.0315	0.4329
30	-1.10	0.0201	0.3108	30	-1.10	0.0001	0.0004	30	-0.20	0.0306	0.4634
31	-1.00	0.0197	0.3304	31	-1.00	0.0003	0.0007	31	0.	0.0301	0.4935
32	-0.90	0.0162	0.3466	32	-0.90	0.0009	0.0016	32	0.20	0.0275	0.5210
33	-0.80	0.0194	0.3660	33	-0.80	0.0024	0.0040	33	0.40	0.0291	0.5501
34	-0.70	0.0158	0.3818	34	-0.70	0.0056	0.0096	34	0.60	0.0326	0.5827
35	-0.60	0.0156	0.3974	35	-0.60	0.0143	0.0238	35	0.80	0.0337	0.6164
36	-0.50	0.0145	0.4119	36	-0.50	0.0308	0.0546	36	1.00	0.0370	0.6534
37	-0.40	0.0152	0.4271	37	-0.40	0.0600	0.1146	37	1.20	0.0421	0.6955
38	-0.30	0.0149	0.4420	38	-0.30	0.0936	0.2081	38	1.40	0.0441	0.7396
39	-0.20	0.0158	0.4579	39	-0.20	0.1206	0.3287	39	1.60	0.0463	0.7858
40	-0.10	0.0147	0.4725	40	-0.10	0.1329	0.4616	40	1.80	0.0431	0.8289
41	0.	0.0136	0.4861	41	0.	0.1416	0.6033	41	2.00	0.0402	0.8691
42	0.10	0.0147	0.5008	42	0.10	0.1306	0.7339	42	2.20	0.0356	0.9047
43	0.20	0.0160	0.5168	43	0.20	0.0937	0.8276	43	2.40	0.0324	0.9371
44	0.30	0.0135	0.5303	44	0.30	0.0617	0.8893	44	2.60	0.0208	0.9579
45	0.40	0.0152	0.5455	45	0.40	0.0451	0.9343	45	2.80	0.0158	0.9737
46	0.50	0.0154	0.5609	46	0.50	0.0259	0.9602	46	3.00	0.0111	0.9848
47	0.60	0.0155	0.5764	47	0.60	0.0145	0.9747	47	3.20	0.0059	0.9907
48	0.70	0.0158	0.5922	48	0.70	0.0085	0.9832	48	3.40	0.0045	0.9953
49	0.80	0.0167	0.6090	49	0.80	0.0050	0.9882	49	3.60	0.0030	0.9982
50	0.90	0.0161	0.6251	50	0.90	0.0031	0.9913	50	3.80	0.0012	0.9994
51	1.00	0.0172	0.6423	51	1.00	0.0022	0.9935	51	4.00	0.0002	0.9996
52	1.10	0.0191	0.6614	52	1.10	0.0010	0.9945	52	4.20	0.0004	1.0000
53	1.20	0.0193	0.6807	53	1.20	0.0010	0.9955	53	4.40	0.	1.0000
54	1.30	0.0212	0.7019	54	1.30	0.0015	0.9971	54	4.60	0.	1.0000
55	1.40	0.0254	0.7273	55	1.40	0.0008	0.9978	55	4.80	0.	1.0000
56	1.50	0.0255	0.7528	56	1.50	0.0007	0.9986	56	5.00	0.	1.0000
57	1.60	0.0249	0.7777	57	1.60	0.0005	0.9991	57	5.20	0.	1.0000
58	1.70	0.0249	0.8026	58	1.70	0.0001	0.9992	58	5.40	0.	1.0000
59	1.80	0.0231	0.8257	59	1.80	0.0002	0.9994	59	5.60	0.	1.0000
60	1.90	0.0224	0.8481	60	1.90	0.0002	0.9996	60	5.80	0.	1.0000
61	2.00	0.0217	0.8698	61	2.00	0.0001	0.9998	61	6.00	0.	1.0000
62	2.10	0.0170	0.8868	62	2.10	0.	0.9998				
63	2.20	0.0158	0.9026	63	2.20	0.	0.9998				
64	2.30	0.0142	0.9169	64	2.30	0.0001	0.9999				
65	2.40	0.0142	0.9311	65	2.40	0.0001	1.0000				
66	2.50	0.0114	0.9425	66	2.50	0.	1.0000				
67	2.60	0.0108	0.9533	67	2.60	0.	1.0000				
68	2.70	0.0092	0.9625	68	2.70	0.	1.0000				
69	2.80	0.0080	0.9705	69	2.80	0.	1.0000				
70	2.90	0.0050	0.9755	70	2.90	0.	1.0000				
71	3.00	0.0064	0.9819	71	3.00	0.	1.0000				
72	3.10	0.0036	0.9855	72	3.10	0.	1.0000				
73	3.20	0.0039	0.9894	73	3.20	0.	1.0000				
74	3.30	0.0036	0.9930	74	3.30	0.	1.0000				
75	3.40	0.0026	0.9956	75	3.40	0.	1.0000				
76	3.50	0.0021	0.9976	76	3.50	0.	1.0000				
77	3.60	0.0016	0.9992	77	3.60	0.	1.0000				
78	3.70	0.0007	0.9999	78	3.70	0.	1.0000				
79	3.80	0.0001	1.0000	79	3.80	0.	1.0000				
80	3.90	0.	1.0000	80	3.90	0.	1.0000				
81	4.00	0.	1.0000	81	4.00	0.	1.0000				

I - INTERVAL NUMBER X - INTERVAL CENTER VALUE

P(X) - PROBABILITY MASS FUNCTION F(X) - CUMULATIVE DISTRIBUTION FUNCTION

THE BATTERY N.Y.

STATISTICS FOR JULY

ASTRONOMICAL TIDE				STORM SURGE				TOTAL WATER LEVEL			
MEAN 0.19		STND DEV 1.63		MEAN-0.07		STND DEV 0.25		MEAN 0.12		STND DEV 1.65	
I	X	P(X)	F(X)	I	X	P(X)	F(X)	I	X	P(X)	F(X)
1	-4.00	0.	0.	1	-4.00	0.	0.	1	-6.00	0.	0.
2	-3.90	0.	0.	2	-3.90	0.	0.	2	-5.80	0.	0.
3	-3.80	0.	0.	3	-3.80	0.	0.	3	-5.60	0.	0.
4	-3.70	0.	0.	4	-3.70	0.	0.	4	-5.40	0.	0.
5	-3.60	0.	0.	5	-3.60	0.	0.	5	-5.20	0.	0.
6	-3.50	0.	0.	6	-3.50	0.	0.	6	-5.00	0.	0.
7	-3.40	0.	0.	7	-3.40	0.	0.	7	-4.80	0.	0.
8	-3.30	0.0003	0.0003	8	-3.30	0.	0.	8	-4.60	0.	0.
9	-3.20	0.0002	0.0006	9	-3.20	0.	0.	9	-4.40	0.	0.
10	-3.10	0.0016	0.0021	10	-3.10	0.	0.	10	-4.20	0.	0.
11	-3.00	0.0018	0.0040	11	-3.00	0.	0.	11	-4.00	0.	0.
12	-2.90	0.0023	0.0063	12	-2.90	0.	0.	12	-3.80	0.	0.
13	-2.80	0.0036	0.0099	13	-2.80	0.	0.	13	-3.60	0.0001	0.0001
14	-2.70	0.0045	0.0144	14	-2.70	0.	0.	14	-3.40	0.0009	0.0011
15	-2.60	0.0057	0.0200	15	-2.60	0.	0.	15	-3.20	0.0019	0.0030
16	-2.50	0.0075	0.0275	16	-2.50	0.	0.	16	-3.00	0.0048	0.0077
17	-2.40	0.0092	0.0367	17	-2.40	0.	0.	17	-2.80	0.0112	0.0189
18	-2.30	0.0133	0.0500	18	-2.30	0.	0.	18	-2.60	0.0163	0.0351
19	-2.20	0.0163	0.0663	19	-2.20	0.	0.	19	-2.40	0.0240	0.0592
20	-2.10	0.0152	0.0815	20	-2.10	0.	0.	20	-2.20	0.0333	0.0925
21	-2.00	0.0188	0.1003	21	-2.00	0.	0.	21	-2.00	0.0392	0.1317
22	-1.90	0.0201	0.1204	22	-1.90	0.0001	0.0001	22	-1.80	0.0395	0.1712
23	-1.80	0.0215	0.1419	23	-1.80	0.	0.0001	23	-1.60	0.0447	0.2159
24	-1.70	0.0226	0.1645	24	-1.70	0.	0.0001	24	-1.40	0.0428	0.2586
25	-1.60	0.0246	0.1892	25	-1.60	0.0001	0.0001	25	-1.20	0.0407	0.2993
26	-1.50	0.0233	0.2124	26	-1.50	0.	0.0001	26	-1.00	0.0366	0.3359
27	-1.40	0.0221	0.2345	27	-1.40	0.0001	0.0002	27	-0.80	0.0338	0.3698
28	-1.30	0.0240	0.2585	28	-1.30	0.	0.0002	28	-0.60	0.0338	0.4035
29	-1.20	0.0204	0.2789	29	-1.20	0.0001	0.0004	29	-0.40	0.0308	0.4343
30	-1.10	0.0203	0.2992	30	-1.10	0.0003	0.0007	30	-0.20	0.0305	0.4648
31	-1.00	0.0198	0.3190	31	-1.00	0.0001	0.0007	31	0.	0.0289	0.4937
32	-0.90	0.0184	0.3374	32	-0.90	0.0005	0.0012	32	0.20	0.0290	0.5227
33	-0.80	0.0166	0.3542	33	-0.80	0.0021	0.0033	33	0.40	0.0297	0.5524
34	-0.70	0.0171	0.3713	34	-0.70	0.0053	0.0086	34	0.60	0.0309	0.5833
35	-0.60	0.0145	0.3858	35	-0.60	0.0154	0.0240	35	0.80	0.0353	0.6186
36	-0.50	0.0156	0.4014	36	-0.50	0.0364	0.0605	36	1.00	0.0392	0.6577
37	-0.40	0.0163	0.4177	37	-0.40	0.0689	0.1294	37	1.20	0.0389	0.6967
38	-0.30	0.0156	0.4333	38	-0.30	0.1074	0.2368	38	1.40	0.0428	0.7395
39	-0.20	0.0137	0.4469	39	-0.20	0.1463	0.3831	39	1.60	0.0425	0.7820
40	-0.10	0.0160	0.4629	40	-0.10	0.1615	0.5446	40	1.80	0.0408	0.8228
41	0.	0.0146	0.4775	41	0.	0.1510	0.6955	41	2.00	0.0419	0.8647
42	0.10	0.0148	0.4923	42	0.10	0.1256	0.8211	42	2.20	0.0371	0.9018
43	0.20	0.0143	0.5066	43	0.20	0.0849	0.9060	43	2.40	0.0325	0.9343
44	0.30	0.0139	0.5205	44	0.30	0.0477	0.9537	44	2.60	0.0248	0.9591
45	0.40	0.0142	0.5347	45	0.40	0.0248	0.9786	45	2.80	0.0171	0.9762
46	0.50	0.0163	0.5509	46	0.50	0.0106	0.9891	46	3.00	0.0114	0.9876
47	0.60	0.0155	0.5664	47	0.60	0.0050	0.9942	47	3.20	0.0060	0.9935
48	0.70	0.0168	0.5833	48	0.70	0.0025	0.9967	48	3.40	0.0039	0.9974
49	0.80	0.0149	0.5982	49	0.80	0.0016	0.9983	49	3.60	0.0018	0.9992
50	0.90	0.0167	0.6149	50	0.90	0.0005	0.9988	50	3.80	0.0008	1.0000
51	1.00	0.0171	0.6320	51	1.00	0.0004	0.9992	51	4.00	0.	1.0000
52	1.10	0.0165	0.6485	52	1.10	0.0003	0.9995	52	4.20	0.	1.0000
53	1.20	0.0225	0.6710	53	1.20	0.0001	0.9996	53	4.40	0.	1.0000
54	1.30	0.0195	0.6904	54	1.30	0.	0.9996	54	4.60	0.	1.0000
55	1.40	0.0236	0.7140	55	1.40	0.0002	0.9999	55	4.80	0.	1.0000
56	1.50	0.0194	0.7334	56	1.50	0.0001	1.0000	56	5.00	0.	1.0000
57	1.60	0.0224	0.7558	57	1.60	0.	1.0000	57	5.20	0.	1.0000
58	1.70	0.0233	0.7791	58	1.70	0.	1.0000	58	5.40	0.	1.0000
59	1.80	0.0232	0.8023	59	1.80	0.	1.0000	59	5.60	0.	1.0000
60	1.90	0.0220	0.8243	60	1.90	0.	1.0000	60	5.80	0.	1.0000
61	2.00	0.0239	0.8482	61	2.00	0.	1.0000	61	6.00	0.	1.0000
62	2.10	0.0205	0.8687	62	2.10	0.	1.0000				
63	2.20	0.0169	0.8856	63	2.20	0.	1.0000				
64	2.30	0.0173	0.9029	64	2.30	0.	1.0000				
65	2.40	0.0145	0.9174	65	2.40	0.	1.0000				
66	2.50	0.0145	0.9319	66	2.50	0.	1.0000				
67	2.60	0.0143	0.9462	67	2.60	0.	1.0000				
68	2.70	0.0122	0.9583	68	2.70	0.	1.0000				
69	2.80	0.0102	0.9685	69	2.80	0.	1.0000				
70	2.90	0.0076	0.9761	70	2.90	0.	1.0000				
71	3.00	0.0059	0.9820	71	3.00	0.	1.0000				
72	3.10	0.0048	0.9868	72	3.10	0.	1.0000				
73	3.20	0.0042	0.9910	73	3.20	0.	1.0000				
74	3.30	0.0029	0.9939	74	3.30	0.	1.0000				
75	3.40	0.0024	0.9963	75	3.40	0.	1.0000				
76	3.50	0.0016	0.9980	76	3.50	0.	1.0000				
77	3.60	0.0014	0.9994	77	3.60	0.	1.0000				
78	3.70	0.0005	0.9999	78	3.70	0.	1.0000				
79	3.80	0.0001	1.0000	79	3.80	0.	1.0000				
80	3.90	0.	1.0000	80	3.90	0.	1.0000				
81	4.00	0.	1.0000	81	4.00	0.	1.0000				

I - INTERVAL NUMBER X - INTERVAL CENTER VALUE

P(X) - PROBABILITY MASS FUNCTION F(X) - CUMULATIVE DISTRIBUTION FUNCTION

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